AWARD/CONTRACT

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)	RATING	PAGE
		1

2. CONTRACT (Proc. Inst. Ident.) NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQUEST/PROJECT NO.
DTFA-02-01-D-14192	10/01/01	0109877

5. ISSUED BY CODE	6. ADMINISTERED BY (If other than Item 5) CODE
FAA, NAS Acquisition Contracting Team (AMQ-210) 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4929	FAA. NAS Acquisition Contract Mgmt. Team (AMQ-240) 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4929

7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, State and ZIP Code)	8. DELIVERY	10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN:
Raytheon **Technical Services Company** 901A **Grier Drive** **Las Vegas, NV 89119**	☐ FOB ORIGIN ☐ OTHER (See below) 9. DISCOUNT FOR PROMPT PAYMENT **Net 30**	ITEM BLOCK 12.

CODE	FACILITY CODE

11. SHIP TO/MARK FOR CODE	12. PAYMENT WILL BE MADE BY: CODE
FAA/MM Aeronautical Center 6500 S. MacArthur Blvd., P. O. Box 25082 Oklahoma City, OK 73169	FAA, Financial Operations Division (AMZ-100) P.O. Box 25710 Oklahoma City, OK 73125-4913 (405) 9544304
13 RESERVED	14. ACCOUNTING AND APPROPRIATION DATA To be shown on delivery order(s) issued hereunder.

15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
Accepted as to Line Items 1A/1B through 10A/10B, 11, 12, and 13, with Amendment A001 incorporated herein, in Part I, Section B, Base Contract Year only.					

ESTIMATED

15G. TOTAL AMOUNT OF CONTRACT $2,104,842.00

16. TABLE OF CONTENTS

(X)	SEC	DESCRIPTION	PAGE(S)	(X)	SEC	DESCRIPTION	PAGE(S)
		PART I -- THE SCHEDULE				**PART II -- CONTRACT CLAUSES**	
X	A	SOLICITATION/CONTRACT FORM	1	X	I	CONTRACT CLAUSES	28-36
X	B	SUPPLIES OR SERVICES AND PRICES/COST	2-11			**PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACH.**	
X	C	DESCRIPTION/SPECS/WORK STATEMENT	12-13	X	J	LIST OF ATTACHMENTS	36-37
X	D	PACKAGING AND MARKING	13			**PART IV - REPRESENTATIONS AND INSTRUCTIONS**	
X	E	INSPECTION AND ACCEPTANCE	14	X	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	INCORPORATED BY REFERENCE
X	F	DELIVERIES OR PERFORMANCE	14-15				
X	G	CONTRACT ADMINISTRATION DATA	15-17		L	INSTRS., CONDS., AND NOTICES TO OFFERORS	
X	H	SPECIAL CONTRACT REQUIREMENTS	17-28		M	EVALUATION FACTORS FOR AWARD	

CONTRACTING ***OFFICER WILL COMPLETE ITEM 17*** OR ***18*** AS ***APPLICABLE***

17. X CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 1 copies to issuing office.)	18. AWARD (Contractor is not required to sign this doc.) Your offer on Solicitation Number _____
Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or Incorporated by reference herein. (Attachments are listed herein.)	including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.

19A. NAME AND TITLE OF SIGNER (Type or print)	20A. NAME OF CONTRACTING OFFICER
Mary K. Williamson, Contract Manager	**CHERYL MARTIN**

19B. NAME OF CONTRACTOR	19C. DATE SIGNED	20B. UNITED STATES OF AMERICA	20C. DATE SIGNED
BY Mary K. Williamson (Signature of person authorized to sign)	09/06/01	BY Cheryl Martin (Signature of Contracting Officer)	9/11/01

CONTINUATION SHEET

PART I - SECTION B

SUPPLIES OR SERVICES AND PRICES/COST

The Contractor shall provide all services, personnel, material, parts, supplies, supervision, labor and equipment, except that specified as Government furnished, required to repair and calibrate the test equipment in support of the Test Equipment Repair and Calibration Workcenter at the Mike Monroney Aeronautical Center (MMAC). Offerors are required to propose a flat rate job price (See Provision C.2 - Definition of Contract Terms) for the categories listed in Schedule B. Prices are required for both a repair and calibration for each of the listed categories. The prices included as part of Technical Exhibit 1 are estimated costs for the purchase price of the item. This exhibit is representative of the items included under this requirement but is not all-inclusive. The Government reserves the riyht to order contract services for items not included in Technical Exhibit 1, but which arise during the performance period of this contract under the existing categories. Items that cannot fall into one of the categories will be repaired or calibrated based on the hourly rates established under contract line item 10 with material to be reimbursed under contract line item 11. Repair or calibration work does not automatically fall under CLINS 10 or 11 merely because the contractor cannot perform the work with their own employees, regardless of the reason, and the work has to be done by the manufacturer or other subcontractor. All work shall he accomplished in accordance with the terms, conditions, and provisions set forth herein.

ITEM	SUPPLIES/SERVICES	ESTIMATED ANNUAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
	SCAEDULE 1 (Initial Contract Period)				
	Category 1				
1A.	Calibration	1252	EA	$ 75.57	$ 94,616
1B.	Repair	455	EA	$ 236.28	$ 107,507
	Category 2				
2A.	Calibration	964	EA	$ 104.51	$ 100,744
2B.	Repair	1876	EA	$ 286.16	$ 536,836
	Category 3				
3A.	Calibration	303	EA	$ 156.21	$ 47,331
3B.	Repair	542	EA	$ 400.12	$ 216,867
	Category 4				
4A.	Calibration	113	EA	$ 155.21	$ 17,539
4B.	Repair	773	EA	$ 522.04	$ 403,534
	Category 5				
5A.	Calibration	52	EA	$ 207.43	$ 10,787
5B.	Repair	71	EA	$ 744.11	$ 52,832
	Category 6				
6A.	Calibration	65	EA	$ 212.51	$ 13,813

6B.	Repair	326	EA	$ 1,060.36	$ 345,678
	Category 7				
7A.	Calibration	6	EA	$ 950.49	$ 5,703
7B.	Repair	10	EA	$ 2,965.55	$ 29,656
	Category 8				
8A.	Calibration	4	EA	$ 950.49	$ 3,802
8B.	Repair	6	EA	$ 4,442.72	$ 26,656
	Category 9				
9A.	Calibration	4	EA	$ 950.49	$ 3,802
9B.	Repair	2	EA	$ 4,442.72	$ 8,885
10.	Hourly Rate (to cover any effort which is not considered to fall into the categories shown above)				
10A.	Calibration	250	HR	$ 50.72	$ 12,679
10B.	Repair	300	HR	$ 50.72	$ 15,215
11.	Materials (in support of line item 10 above) To be paid at actual cost plus handling charge (%)	Estimated $25,000.00 Handling Charge 0%			
12.	Miscellaneous Labor Work accomplished outside the scope of this Section B, such as inspection and/or testing charge if unit(s) is/are found to be beyond economical repair or if no defect is found in unit(s), for the modification of items, and to provide revisions to servicable Government assets as required and as authorized by the Contracting Officer.	500	HR	$ 50.72	$ 25,359
13.	Transition IAW PWS 1.16	1	LOT	$ 0.00	$ 0.00

TOTAL CONTRACT PRICE FOR INITIAL PERIOD $ 2,104,842

CONTINUATION SHEET

PART I - SECTION B

SUPPLIES OR SERVICES AND PRICES/COST

ITEM	SUPPLIES/SERVICES	ESTIMATED ANNUAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
	SCHEDULE 1 (First Option Period)				
	Category 1				
1A.	Calibration	1252	EA	$ 75.87	$ 94,988
1B.	Repair	455	EA	$ 239.03	$ 108,757
	Category 2				
2A.	Calibration	964	EA	$ 104.92	$ 101,141
2B.	Repair	1876	EA	$ 288.36	$ 540,971
	Category 3				
3A.	Calibration	303	EA	$ 156.82	$ 47,517
3B.	Repair	542	EA	$ 403.88	$ 218,904
	Category 4				
4A.	Calibration	113	EA	$ 155.83	$ 17,608
4B.	Repair	773	EA	$ 528.09	$ 408,211
	Category 5				
5A.	Calibration	52	EA	$ 208.25	$ 10,829
5B.	Repair	71	EA	$ 754.29	$ 53,555
	Category 6				
6A.	Calibration	65	EA	$ 213.34	$ 13,867
6B.	Repair	326	EA	$ 1,075.89	$ 350,739
	Category 7				
7A.	Calibration	6	EA	$ 967.78	$ 5,807
7B.	Repair	10	EA	$ 3,021.13	$ 30,211
	Category 8				
8A.	Calibration	4	EA	$ 967.78	$ 3,871
8B.	Repair	6	EA	$ 4,526.37	$ 27,158
	Category 9				
9A.	Calibration	4	EA	$ 967.78	$ 3,871
9B.	Repair	2	EA	$ 4,526.37	$ 9,053

10.	Hourly Rate (to cover any effort which is not considered to fall into the categories shown above)					
10A.	Calibration	250	HR	$	50.92	$ 12,729
10B.	Repair	300	HR	$	50.92	$ 15,275
11.	Materials (in support of line item 10 above) To be paid at actual cost plus handling charge (%)	Estimated $25,000.00 Handling Charge 0%				
12.	Miscellaneous Labor Work accomplished outside the scope of this Section B, such as inspection and/or testing charge if unit(s) is/are found to be beyond economical repair or if no defect is found in unit(s), for the modification of items, and to provide revisions to servicable Government assets as required and as authorized by the Contracting Officer.	500	HR	$	50.92	$ 25,458

TOTAL CONTRACT PRICE FOR FIRST OPTION PERIOD $ 2,125,522

CONTINUATION SHEET

PART I - SECTION B

SUPPLIES OR SERVICES AND PRICES/COST

ITEM	SUPPLIES/SERVICES	ESTIMATED ANNUAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
	SCHEDULE 1 (Second Option Period)				
	Category 1				
1A.	Calibration	1282	EA	$ 74.58	$ 95,616
1B.	Repair	470	EA	$ 241.79	$ 113,643
	Category 2				
2A.	Calibration	970	EA	$ 103.14	$ 100,046
2B.	Repair	1885	EA	$ 287.52	$ 541,983
	Category 3				
3A.	Calibration	310	EA	$ 154.16	$ 47,791
3B.	Repair	545	EA	$ 404.91	$ 220,675
	Category 4				
4A.	Calibration	118	EA	$ 153.18	$ 18,076
4B.	Repair	776	EA	$ 534.48	$ 414,757
	Category 5				
5A.	Calibration	65	EA	$ 204.72	$ 13,307
5B.	Repair	80	EA	$ 766.20	$ 61,296
	Category 6				
6A.	Calibration	70	EA	$ 209.72	$ 14,681
6B.	Repair	345	EA	$ 1,100.48	$ 379,665
	Category 7				
7A.	Calibration	9	EA	$ 984.34	$ 8,859
7B.	Repair	14	EA	$ 3,076.70	$ 43,074
	Category 8				
8A.	Calibration	5	EA	$ 984.34	$ 4,922
8B.	Repair	5	EA	$ 4,610.54	$ 23,053
	Category 9				
9A.	Calibration	7	EA	$ 984.34	$ 6,890
9B.	Repair	5	EA	$ 4,610.54	$ 23,053

10.	Hourly Rate (to cover any effort which is not considered to fall into the categories shown above)				
10A.	Calibration	300	HR	$ 50.05	$ 15,016
10B.	Repair	300	HR	$ 50.05	$ 15,016
11.	Materials (in support of line item 10 above) To be paid at actual cost plus handling charge (%)	Estimated $25,000.00 Handling Charge 0%			
12.	Miscellaneous Labor Work accomplished outside the scope of this Section B, such as inspection and/or testing charge if unit(s) is/are found to be beyond economical repair or if no defect is found in unit(s), for the modification of items, and to provide revisions to servicable Government assets as required and as authorized by the Contracting Officer.	500	HR	$ 50.05	$ 25,027

TOTAL CONTRACT PRICE FOR SECOND OPTION PERIOD $ 2,211,444

CONTINUATION SHEET

PART I - SECTION B

SUPPLIES OR SERVICES AND PRICES/COST

ITEM	SUPPLIES/SERVICES	ESTIMATED ANNUAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
	SCHEDULE 1 (Third Option Period)				
	Category 1				
1A.	Calibration	1285	EA	$ 72.38	$ 93,004
1B.	Repair	480	EA	$ 242.70	$ 116,494
	Category 2				
2A.	Calibration	980	EA	$ 100.09	$ 98,089
2B.	Repair	1920	EA	$ 283.80	$ 544,895
	Category 3				
3A.	Calibration	340	EA	$ 149.60	$ 50,865
3B.	Repair	565	EA	$ 402.34	$ 227,324
	Category 4				
4A.	Calibration	134	EA	$ 148.65	$ 19,920
4B.	Repair	795	EA	$ 536.67	$ 426,652
	Category 5				
5A.	Calibration	73	EA	$ 198.66	$ 14,502
5B.	Repair	98	EA	$ 773.62	$ 75,814
	Category 6				
6A.	Calibration	85	EA	$ 203.52	$ 17,299
6B.	Repair	370	EA	$ 1,118.42	$ 413,816
	Category 7				
7A.	Calibration	10	EA	$ 1,000.61	$ 10,006
7B.	Repair	14	EA	$ 3,132.73	$ 43,858
	Category 8				
8A.	Calibration	5	EA	$ 1,000.61	$ 5,003
8B.	Repair	5	EA	$ 4,695.71	$ 23,479
	Category 9				
9A.	Calibration	7	EA	$ 1,000.61	$ 7,004
9B.	Repair	5	EA	$ 4,695.71	$ 23,479

10.	Hourly Rate (to cover any effort which is not considered to fall into the categories shown above)				
10A.	Calibration	300	HR	$ 48.57	$ 14,572
10B.	Repair	300	HR	$ 48.57	$ 14,572
11.	Materials (in support of line item 10 above) To be paid at actual cost plus handling charge (%)	Estimated $25,000.00 Handling Charge 0%			
12.	Miscellaneous Labor Work accomplished outside the scope of this Section B, such as inspection and/or testing charge if unit(s) is/are found to be beyond economical repair or if no defect is found in unit(s), for the modification of items, and to provide revisions to servicable Government assets as required and as authorized by the Contracting Officer.	500	HR	$ 48.57	$ 24,286

TOTAL CONTRACT PRICE FOR THIRD OPTION PERIOD $ 2,289,935

CONTINUATION SHEET

PART I - SECTION B

SUPPLIES OR SERVICES AND PRICES/COST

ITEM	SUPPLIES/SERVICES	ESTIMATED ANNUAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
	SCHEDULE 1 (Fourth Option Period)				
	Category 1				
1A.	Calibration	1285	EA	$ 72.72	$ 93,447
1B.	Repair	480	EA	$ 246.95	$ 118,535
	Category 2				
2A.	Calibration	980	EA	$ 100.57	$ 98,557
2B.	Repair	1920	EA	$ 286.99	$ 551,021
	Category 3				
3A.	Calibration	340	EA	$ 150.32	$ 51,107
3B.	Repair	565	EA	$ 407.81	$ 230,412
	Category 4				
4A.	Calibration	134	EA	$ 149.36	$ 20,015
4B.	Repair	795	EA	$ 546.22	$ 434,247
	Category 5				
5A.	Calibration	73	EA	$ 199.61	$ 14,571
5B.	Repair	98	EA	$ 788.32	$ 77,256
	Category 6				
6A.	Calibration	85	EA	$ 204.49	$ 17,381
6B.	Repair	370	EA	$ 1,143.22	$ 422,992
	Category 7				
7A.	Calibration	10	EA	$ 1,018.93	$ 10,189
7B.	Repair	14	EA	$ 3,191.56	$ 44,682
	Category 8				
8A.	Calibration	5	EA	$ 1,018.93	$ 5,095
8B.	Repair	5	EA	$ 4,784.23	$ 23,921
	Category 9				
9A.	Calibration	7	EA	$ 1,018.93	$ 7,133
9B.	Repair	5	EA	$ 4,784.23	$ 23,921

10.	Hourly Rate (to cover any effort which is not considered to fall into the categories shown above)					
10A.	Calibration	300	HR	$	48.80	$ 14,641
10B.	Repair	300	HR	$	48.80	$ 14,641
11.	Materials (in support of line item 10 above) To be paid at actual cost plus handling charge (%)	Estimated $25,000.00 Handling Charge 0%				
12.	Miscellaneous Labor Work accomplished outside the scope of this Section B, such as inspection and/or testing charge if unit(s) is/are found to be beyond economical repair or if no defect is found in unit(s), for the modification of items, and to provide revisions to servicable Government assets as required and as authorized by the Contracting Officer.	500	HR	$	48.80	$ 24,402

TOTAL CONTRACT PRICE FOR FOURTH OPTION PERIOD $ 2,323,167

PART I - SECTION C - DESCRIPTION/SPECS/WORK STATEMENT

C.1 WORK STATEMENT

The contractor shall provide all personnel, labor, equipment, materials and supervision, except that specified in Technical Exhibit 4 as Government furnished equipment, necessary to perform all of the services described in the attached Performance Work Statement (PWS) entitled "FAA Logistics Center Test Equipment Repair and Calibration Services."

C.2 DEFINITION OF CONTRACT TERMS (JAN 1997) CLA.1510

(a) "Contractor's Cost" means the net cost to the contractor (after deducting cash or trade discounts, rebates, commissions and any other allowances and credits available to the contractor, regardless of date purchased, plus properly identified and supported freight or transportation costs) for parts acquired by the contractor for performance under this contract.

(b) "Direct Labor Hours" means those hours of labor which are identifiable as being performed directly on an item of the contract and which serve as the basis for payment of the Hourly Composite Rate set forth in Section B. The method of charging direct labor hours to this contract must conform to the contractor's accepted normal accounting practices and procedures, and allow for verification to the sources of the costs incurred. The term Direct Labor Hours does NOT include time for the indirect work of overhead and supervisory employees such as officers, engineers, supervisors, foremen, quality control inspectors, material handlers, clerks, typists, timekeepers, watchmen and truck drivers.

(c) '"Direct Material" means those materials which are not encompassed by the definition of "Indirect Materials."

(d) "Flat Rate Job Price" is the price for repair, not subject to upward or downward revision, of the reparable Government-owned units listed in Section B. The Flat Rate Job Price shall include all costs such as preservation, packing, packaging, marking, all materials (direct and indirect), material handling expense, overhead, direct and indirect labor, all parts, profit, and all other elements of cost incurred in the performance of this contract.

(e) "Hourly Composite Rate" includes direct and indirect labor, indirect material, overhead and profit. Payment under the applicable item will be computed by multiplying the Direct Labor Hours expended by the Hourly Composite Rate. The amounts payable for fractional parts of an hour may be prorated by fractions or increments not less than one-tenth (1/10) of one hour.

(f) "Indirect Material" means all supplies and materials which do not become an integrated part of the assembly, accessory, or component. Typical items are lubricants, solvents, wiping rags, emery cloth, plating material, safety wire and abrasives. Price of indirect material shall be included in the Hourly Composite Rate.

(g) "Irreparable" means a condition where an item cannot be returned to service in accordance with the applicable manufacturer's overhaul limits and instructions and/or pertinent regulations of the Federal Aviation Administration.

(h) "New, Unused Parts" means serviceable parts that have never been used, which conform to current production standards and which are intended for replacement for like irreparable parts.

(i) "Out-of-Plant Services" means those services performed for the contractor by its vendor, processor or subcontractor, such as special grinding, plating or similar rework processes, on components or parts removed from the Government-owned reparable items.

(j) "Overhaul" means (1) the complete disassembly of the contract items listed in Section B including every assembly, subassembly and part; (2) the cleaning of each part and its inspection for serviceability; (3) the repair or rework of each reparable part and the replacement of each irreparable part; (4) the reassembly, calibration, as necessary, testing and inspection; (5) the marking and finishing of the exterior, where required; and (6) the preservation, packing and packaging, as required.

(k) "Reparable" means the condition of an item which can be returned to service after repair or rework in accordance with procedures, tolerances and limits established by the overhaul and repair instructions issued by the item manufacturer, or as otherwise authorized under the provisions of the Federal Aviation Regulations.

(l) "Serviceable" means the condition of an item in a good state of preservation that can be placed in service in accordance with applicable manufacturer's overhaul limits and instructions and/or pertinent regulations of the Federal Aviation Administration without repair.

(m) "Test" means a test or check of equipment in its operational (or functional) environment, using equipment, procedures, and limits specified in applicable authorized manufacturer publications, manuals, and specifications and technical orders or FAA authorized changes in procedures and limits.

C.3 SERVICEABLE AND IRREPARABLE ITEMS (JAN 1997) CLA.1202

(a) In the event the contractor receives Government-owned units which are considered to be either (1) serviceable as received or 12) irreparable, he shall furnish a detailed recommendation to the Contracting Officer within 15 calendar days after receipt of the unit(s). The Contracting Officer will make a determination as to the condition of the unit(s) based upon data furnished by the contractor and/or a physical inspection of the unit(s) by authorized Government personnel.

(b) The Contracting Officer will furnish disposition instructions for serviceable/irreparable units and the contractor shall be entitled to be paid only the appropriate fee for inspection and/or testing as specified under Part I - Section B.

(c) Failure to agree to the condition of the units shall be a dispute concerning a question of fact within the meaning of the clause of this contract entitled Contract Disputes, AMS 3.9.1-1.

PART I - **SECTION D** - PACKAGING AND MARKING

Not applicable

PART I - SECTION E - INSPECTION AND ACCEPTANCE

E.1 INSPECTION AND ACCEPTANCE

Inspection and acceptance of the services performed under this contract shall be at destination, Mike Monroney Aeronautical Center, 6500 S. MacArthur Blvd., Oklahoma City, Oklahoma.

E.2 QUALITY STANDARDS

A compliant Quality Management System is required. An auditable system containing all elements of ANSI/ASQC/ISO 9000 Standard exists. Applicable IPC workmanship standards shall be followed. Certificates of conformance shall be supplied where applicable.

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (JUNE 1999)

This screening information request (SIR) or contract, as applicable, incorporates by reference one or more provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: http://fast.faa.gov (on this web page, select "toolsets", then "procurement toolbox"].

3.10.4-4 INSPECTION OF SERVICES--BOTH FIXED-PRICE & COST REIMBURSEMENT (APRIL 1996)
3.10.4-5 INSPECTION--TIME-AND-MATERIAL AND LABOR-HOUR (APRIL 1996) (Applicable to CLINS 10, 11, and 12 only)

PART I - SECTION F - DELIVERIES OR PERFORMANCE

F.1 PHASE-IN AND CONTRACT PERIOD

This contract includes a 45-day phase-in period tentatively scheduled to begin August 16, 2001, followed by the base year performance starting October 1, 2001, and continuing for one year thereafter. The base year is followed by four 1-year option periods to be exercised at the sole discretion of the Government. In the event award is not made sufficiently in advance to provide the stated transition time prior to August 16, 2001, the beginning and ending dates for the base year performance will be adjusted accordingly.

F.2 TIME OF DELIVERY

(a) As set forth in Paragraph 5.2.1.7 of the PWS, the Government requires delivery in accordance with the following turnaround time (TAT):

(1) Priority 1 - Delivery within 3 days of receipt of asset.
(2) Priority 2 - Delivery within 5 days of receipt of asset.
(3) Priority 3 - Delivery within 10 days of receipt of asset.
(4) Priority 4 - Delivery time will be established by the COTR.
(5) Priority 5 - Delivery within 30 days of receipt of asset.

(b) No blanket exemptions will be given for items exceeding their specified TAT's due to awaiting parts status or awaiting repair by a subcontractor.

(c) Any TAT exceeded by the Contractor shall continue to be worked ahead of other assigned work within the same priority level. If the contractor fails to complete an item within the designated TAT, the contractor shall grant a credit (See F.3) to the Government for days in excess of the specified TAT.

F.3 **CREDITS**

The amount of creditable days shall be applied individually to each separate work order exceeding its specified TAT. The amount of credit for each day in excess of the specified TAT for each item shall be calculated based on the calibration or repair price in Schedule B as follows:

(a) Priority 1 - calculated at a 10% credit per day, up to a maximum of 2 davs or 20% credit.
(b) Priority 2 - calculated at a 6.66% credit per day, up to a maximum of 3 days or 20% credit.
(c) Priority 3 - calculated at a 5% credit per day, up to a maximum of 4 days or 20% credit.
(d) Priority 4 - the credit applied shall be based on the specified due date of the work order. When the due date falls within the range of other listed priority time frames, the specified credit percentage shall apply. For example: if a Priority 4 has a due date which requires the work order to be accomplished within 8 calendar days, the credit to be applied if the TAT is not met would fall within the time frame for a Priority 3.
(e) Priority 5 - calculated at a 2% credit per day, up to a maximum of 10 days or 20% credit.

F.4 AUTHORIZED PERFORMANCE (JAN 1997) CLA.0168

The execution of a contract shall not constitute authority for the contractor to commence performance. Performance shall be ordered by the issuance of a formal delivery order by an authorized Contracting Officer of the Mike Monroney Aeronautical Center. Orders issued orally or by written telecommunications shall reference a formal delivery order number and shall be confirmed by issuance of the formal delivery order.

3.1-1 **CLAUSES** AND **PROVISIONS INCORPORATED BY** REFERENCE **(JUNE** 1999)

This screening information request (SIR) or contract, as applicable, incorporates by reference one or more provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: http://fast.faa.gov (on this web page, select "toolsets", then "procurement toolbox").

3.10.1-9 **STOP-WORK ORDER (OCTOBER** 1996)
3.10.1-11 **GOVERNMENT DELAY OF WORK (APRIL** 1996)
3.11-34 **F.O.B. DESTINATION (APRIL** 1999)

PART I - SECTION G - CONTRACT ADMINISTRATION DATA

G.1 **REPORTS**

(a) The contractor shall provide all reports specified in Technical Exhibit 7 (TE-7) in the quantities and at the schedules so indicated. All

reports shall be submitted to the Contracting Officer unless otherwise indicated.

(b) In addition to those reports specified in TE-7, the contractor shall provide a monthly report reflecting all work accomplished. Data shall be maintained and accumulated monthly by the contractor on units input for repair and/or calibration to provide a monthly status report to the Contracting Officer and the Contracting Officer Representative. The monthly status report will contain the following information for each item:

Work Order Number
NSN and P/N
S/N, if applicable
Category
Description
Date Received
Date Completed
Days In-House
Priority Designation
Identify "serviceable as received" or "beyond repair"

(c) The monthly status report shall be submitted not later than five working days following the month which it covers.

G.2 OPTION TO EXTEND SERVICES (JAN 1997) CLA.0116

The Government may unilaterally exercise its option to extend the term of the contract for performance of specified services pursuant to Section I, AMS Clause 3.2.4-34, Option to Extend Services , by written notice to the contractor not later than the expiration date of the current contract period.

G.3 **INVOICING** PROCEDURES - **GENERAL** (JUL 1997) CLA.0135

(a) In addition to the requirements set forth at AMS Clause 3.3.1-17, Prompt Payment, for the submission of a proper invoice, the contractor shall submit a separate invoice for (1) each month of performance of services, or (2) those items of supplies furnished, as follows:

(1) The original to: FAA, Mike Monroney Aeronautical Center
Financial Operations Division (AMZ-100)
P.O. Box 25710
Oklahoma City, OK 73125-4913

(2) Two copies to: FAA, Mike Monroney Aeronautical Center
NAS Contract Management Div. (AMQ-240)
P.O. Box 25082
Oklahoma City, OK 73125

(b) Each invoice shall highlight the following information:
(1) Contract number and applicable Delivery Order number.
(2) Noun description of services and/or supplies, including applicable line item number(s) and quantity(s) that were provided.
(3) Extended totals for invoiced quantities.

G.4 IDENTIFICATION/DELIVERY OF GOVERNMENT PROPERTY **CLA.1401**
(JAN 1997)

Within 10 calendar days after award of contract the Government-owned property listed below will be furnished to the contractor for use in the performance of this contract.

SEE **GOVERNMENT-FURNISHED** PROPERTY **LISTED** IN TECHNICAL EXHIBIT 4

G.5 INCREMENTAL FUNDING (JAN 1997) **CLA.2604**

(a) The Government reserves the right to incrementally fund this contract on a periodic basis to promote efficiency in the utilization of fiscal allotments through the routine budget process or the use of interim funding measures such as under congressional "continuing resolution" procedures.

(b) Delivery orders will be periodically issued to provide a not-to-exceed amount of funds. Such amount will be sufficient to cover contract performance for the period specified in the order, plus an estimated cost for terminating the contract should additional funds not be available to continue performance under the contract.

(c) This clause becomes inoperative when the contract period is fully funded.

G.6 GOVERNMENT PROPERTY REPORTS (JAN 1997) CLA.4528

(a) The Contractor shall prepare an annual report of Government property in its possession and the possession of its subcontractors.

(b) The report shall be submitted to the Contracting Officer not later than September 15 of each calendar year on Form DOT F 4220.43, Contractor Report of Government Property.

PART I - SECTION H - SPECW CONTRACT REQUIREMENTS

H.1 TRANSITION AND **PHASE-IN**

(a) This contract contains transition and phase-in requirements which must be accomplished in accordance with Section C.1, Paragraph 1.16 of the PWS. During phase-in, the contractor shall receive all work in process which cannot be completed by the current contractor and work which cannot be postponed. This action is to enable the contractor to plan, estimate, and obtain material and personnel resources required to perform the work.

(b) All material and equipment inventories required by paragraphs 3.3 and 3.5.2 of the PWS shall be conducted during the phase-in period. Any discrepancies in inventory will be resolved within 10 days of commencement of performance by the contractor.

H.2 PHASE OUT

In the event that the follow-on contract is awarded to other than the incumbent, the incumbent contractor shall cooperate to the extent required to permit an orderly change over to the successor contractor pursuant to the requirements of AMS Clause 3.8.2-11, Continuity of Services.

H.3 RESTRICTION ON USE OF PROPRIETARY DATA

Performance of this contract will require the contractor to have access to data developed by third party contractors at private expense and which is proprietary in nature. Protection of such proprietary data from unauthorized use and disclosure is necessary to prevent the compromise of such property right or economic interest and to preclude impairment of the Government's ability to obtain access to or use of such data. In performance of this contract, the contractor shall not reproduce, in whole or in part, any technical data which is proprietary to a third party, and shall not disclose the contents of such proprietary data, in whole or in part, to any person or entity, including purposes of performing the services required by this contract.

H.4 NOTIFICATION OF CRIMINAL ACTIVITY BY CONTRACT EMPLOYEE (JUL 2001) CLA.0069

Upon learning that contractor personnel with authorized access to FAA facilities/resources has been charged by a law enforcement agency for any criminal offense other than minor traffic offense, the contractor shall provide written notification within one workday to the Contracting Officer. The Contracting Officer (CO) shall then notify the FAA Servicing Security Element (SSE) AMC-700 at the Aeronautical Center in writing. A traffic offense will be considered minor when the maximum fine that could be imposed is $300 or less. The contractor will be notified of the impact that the charge or results of the charge have on the contractor's affected personnel as soon as a determination is provided to the CO by the SSE.

H.5 GOVERNMENT-ISSUED KEYS/IDENTIFICATION BADGES AND VEHICLE DECALS (JUL 2001) CLA.3403

(a) It may become necessary for the Government to issue keys, identification (ID) cards or vehicle decals to contractor personnel. Prior to or upon completion or termination of the work required hereunder, the contractor shall return all such government issued items to the issuing office with notification to the Contracting Officer Technical Representative (COTR).

When contract personnel who have been issued such items, either directly by the Government or through the contract supervisor, no longer require them to perform the work, the Government issued items shall be returned to the Government within three workdays. Additionally, unauthorized duplication or use of such keys, ID cards or decals is a violation of security procedures and is prohibited.

(b) In the event such keys, ID cards, or vehicle decals are not returned, the contractor understands and agrees that the Government may, in addition to any other withholding provision of the contract, withhold $200 for each key, ID card, or vehicle decal not returned. If the keys, ID cards, or vehicle decals are not returned within 30 days from the date the withholding action was initiated, the contractor will forfeit any amount so withheld.

(c) Access to aircraft ramp/hangar areas is authorized only to those persons displaying a flight line identification card and, for vehicles, a current ramp permit issued pursuant to Part 107 of the Federal Aviation Regulations.

(d) The Government retains the right to inspect, inventory, or audit the ID cards, keys and vehicle decals issued to the contractor in connection with the contract at the convenience sf the Government. Any items not accounted for to the satisfaction of the Government shall be assumed to be lost and the provisions of paragraph (b) shall apply.

(e) Keys shall be obtained from the COTR who will require the contractor to sign a receipt for each key obtained. Lost keys or identification media

shall immediately be reported concurrently to the Contracting Officer (CO), COTR, the Civil Aviation Security Division, AMC-700 and the Office of Facility Management, AMP-300.

(f) Each contract employee, during all times of on-site performance at the Mike Monroney Aeronautical Center, shall prominently display his/her current and valid identification card on the front portion of their body between the neck and waist.

(1) Prior to any contractor personnel obtaining any pass or ID, the contractor shall submit complete documentation required under Clause entitled 3.13-6 Contractor Personnel Suitability Requirements.

(2) To obtain the ID contractor personnel shall submit an Identification Card/Credential Application, (DOT 1681), signed by the employee and authorized by the CO or the COTR. The DOT 1681 shall be submitted at the same time the personnel security investigation paperwork required by Clause entitled 3.13-6 Contractor Personnel Suitability Requirements, is submitted. The DOT 1681 shall contain, as a minimum, under the "Credential Justification" heading, the name of the contractor/company, the contract number or the appropriate acquisition identification number, the expiration date of the contract or the task (whichever is sooner), and the required signatures. This paperwork shall be submitted to the Civil Aviation Security Division, AMC-700 in the Airmen Records Building (ARB), Rm. 124, by the contractor, in a sealed envelope, either hand-carried by the contractor or sent via U.S. Mail to: FAA, Civil Aviation Security Division, AMC-700, P.O. Box 25082, Oklahoma City, OK 73125. The contractor will be notified when the DOT 1681 has been approved and is ready for processing by the Aeronautical Center guards in the Headquarters Building, Room 151. Arrangements for processing the Identification Cards, including photographs and lamination, can be made by contacting the Aeronautical Center security guards at 405-954-4620.

(3) The contractor's project manager shall receive and sign for each ID card issued on the reverse of the DOT 1631. The DOT 1681 will be retained by the Government for accountability purposes.

(g) The contractor is responsible for ensuring final clearance is accomplished for all departing contract personnel. Final clearance will be accomplished by close of business the final workday of the ccntract employee or the next day under special conditions. Aeronautical Center Form AC 3370-2, Contract Employee Clearance Form will be completed by the contractor and copies will be distributed to the COTR, CO, and AM-700 after completion.

H.6 OPERATING/ORDERING PROCEDURES

Notwithstanding the ordering clauses included herein, delivery order(s) issued hereunder will be for funding of the contract only. Each delivery order will specify the time period for which it will cover. It will authorize the contractor to proceed with contract performance to the extent the total price does not exceed the dollar amount authorized by the delivery order. In no event will the cost of contractor's performance under the contract exceed the dollar amount authorized by the delivery order.

H.7 CONTRACTOR COMPLIANCE WITH FAA POLICIES

(a) The contractor shall comply with all FAA policies affecting the FAA workplace environment. Examples of specific policies are:

(1) Harassment-free workplace
(2) Non-smoking workplace
(3) Firearms and other weapons
(4) Accident prevention and safety

(b) The contractor shall obtain from the Contracting Officer information describing the policy requirements. A contractor who fails to enforce workplace policies is subject to suspension or termination of the contract.

H.8 SAFETY ***AND*** **HEALTH** (JAN **1997)** **CLA.0090**

(a) The Contractor shall assure that no person employed on this contract works in surroundings or under conditions that are unsanitary, hazardous, or dangerous to their health or safety. The contractor shall also ensure that all employees received appropriate and required safety, health, environmental, and equipment operational training. In fulfilling these requirements, the Contractor shall comply with:

(1) Department of Labor Safety and Health Standards for Construction under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327 et seq. and CFR 1960).

(2) Occupational Safetv and Health Act of 1970. (Public Law 91-598 and 29 applicable and regulations as' _ have been delegated to the States.

(3) Supplemental FAA safety and health requirements contained in FAA Order 3900.19A and Order AC3900.21E, Chg 1, or elsewhere in the contract. Other standards used by FAA include the National Fire Codes, American National Standards Institute, American Society of Testing and Materials (ASTM), AC 3940.1C (Procedures for handling injury, illness, or fire at the Mike Monroney Aeronautical Center), etc. This list of standards or laws is not inclusive. Other safety and health FAA regulations can be found in the 3900 classification series entitled, "Employee Health and Safety." Other environmental FAA regulations can be found in the 1000 classification series entitled, "Administration, Management, and Policies -- General."

(b) If there are conflicts between any of the requirements referenced in this conrract, the more stringent requirement will prevail.

(c) If the Contractor fails or refuses to promptly comply with any safety or health requirement, the Contracting Officer's Technical Representative (COTR) will notify the Contractor of any such noncompliance and the Contractor shall take immediate corrective action. Such notice, whether oral or written, when served on the Contractor or any of its employees at the site of the work, shall be deemed sufficient. If the Contractor fails or refuses to promptly correct the condition, the COTR may stop all or any portion of the work. When satisfactory corrective action has been taken, the contractor shall request permission to resume work from the COTR. No time extension or additional costs, resulting from the directive to stop work shall be allowed. Failure of the COTR to provide notice of noncompliance or to stop work shall not relie-re the Contractor of its responsibility for the safe performance of the work.

(d) The Contractor shall require contract personnel to wear personal protective equipment when it is necessary because of the hazards on the job and in most instances will provide the equipment, except that which has been specified to be furnished by FAA. All personal protective equipment worn by contractors shall be equal to or exceed the level of protection provided to Government employees.

(e) Contractors shall include a clause in all subcontracts to require subcontractors to comply with this clause.

H.9 CONTRACT **PERFORMANCE** WITH FORMER **GOVERNMENT EMPLOYEES** (JAN **2000)** **CLA.4527**

(a) After contract award or the effective date this clause is incorporated into the contract by modification, the Contractor agrees not to allow any former Government employee, who separated from Government service with a Voluntary Separation Incentive Payment (VSIP), to perform work on this contract before receipt of non-objection by the Contracting Officer.

(b) The contractor shall notify the Contracting Officer in advance of any proposed work or change in work to be done under this contract by a former government "buyout" employee. Such written notification shall include:

1) employee's full name and date of separation from Government service,

2) name and location of former Government agency of employment, and

3) either evidence of any one of the following;

(i) repayment of the separation incentive or a court approved settlement, or

(ii) a waiver of repayment granted under authority of the statute(s) or

(iii) that five years have lapsed since separation from government service; or

4) proposed job title, work location and "a detailed statement of work to be performed by the former employee" under the contract

(c) The contracting officer's non-objection described in (a) above is at the sole discretion of the Government. In no event shall the Government's decision under (a) above with respect to any person, or the length of time to arrive at the decision, constitute grounds for adjustment of the contract price, or the contract performance or delivery requirements.

H.10 CONTRACT SHUTDOWN PROCEDURES PENDING APPROPRIATIONS FOR NEW FISCAL YEAR (JAN 1997) CLA.1051

(a) In the event no continuing resolution or permanent appropriation is in place at the outset of the new fiscal year (FY), contractor employees are expected to report for their assigned duties the first workday of that new FY. Absent an appropriation, contract services that are determined by the Government to be non-essential will be shutdown as soon as practical. To implement the shutdown, the Contracting Officer may require the contractor to stop all, or any part, of the work called for under the contract pursuant to AMS clause 3.10.1-9, Stop-Work Order.

(b) This clause does not limit the Government's rights provided by AMS 3.10.6-4, Default, or AMS 3.10.6-1, Termination for Convenience of the Government, clause of the contract.

3.11 REQUIREMENT FOR SCREENING OF CONTRACTOR PERSONNEL (JUL.2001) CLA.1262

(a) **Contractor** Screening of **personnel.** The operation of this contract is intended to promote the continued safe and secure operation of Federal Aviation Administration (FAA) facilities, systems and resources that comprise or support the National Aerospace System. Access to most FAA locations, systems and equipment is restricted and controlled by the responsible FAA Servicing Security Element. No rights of access to FAA facilities or resources are conferred to the contractor or contractor personnel by this contract. The contractor is responsible for identifying and providing qualified and acceptable personnel in performance of the contract. To meet this requirement, the contractor shall perform routine personnel screening prior to personnel having access to any FAA facility, resources, or sensitive information.

(1) The contractor shall obtain a criminal history report of the prospective employee from the appropriate state authority, i.e., the state where the individual was last employed. If the criminal history report reveals an occurrence of activity listed in paragraphs 1 through 6 of the contract attachment entitled "Screening Standards-Contractor" within the preceding 9 years, the prospective employee shall not be allowed access to any FAA facility, resources, or sensitive information. Payment of any fees charged for such criminal history reports shall be the responsibility of the contractor. If the cost is included in the price of the contract, it shall be subject to the usual tests of allocability and reasonableness.

(2) The Government expects that the contractor will normally contact prospective employees' previous employer(s) for employment history, and apply the contractor's customary standards for employment suitability. If this employment history check reveals a documented occurrence of activity listed in

paragraph 7 of the contract attachment entitled "Screening Standards - CONTRACTOR" within the preceding 9 years, the prospective employee shall not be allowed access to any FAA facility, resources, or sensitive information.

(3) When specific experience or educational requirements apply to personnel performing on the contract, the contractor shall verify prospective employees' claimed experience or educational qualifications.

(b) **Government Screening Standards for Contractor Personnel.**

(1) The Contractor shall inform prospective employees that the FAA will perform background investigations on contractor personnel prior to their gaining access to any Federal Aviation Administration (FAA) facility, resource or sensitive information/system in performance of the contract.

(2) Prior to placing any employee in a position having access to FAA facilities, resources or sensitive information, the contractor shall provide that employee a copy of the contract attachment entitled "Adjudicative Standards: Issues". (Appendix 6, FAA Order 1600.72). In addition, the contractor must advise the prospective employee of FAA's intent to employ such adjudicative standards in determining employee access as described above.

(3) Any personnel the contractor employs to work on FAA facilities and resources found to have a conviction history within nine (9) years prior to beginning performance under this contract shall be denied access to any FAA-controlled facility/resource. No access will be granted until the Government's background investigation is complete and a favorable determination made as a result of the adjudication process.

(c) Upon written request to the CO or his/her designated representative, rhe FAA may waive the screening requirements with respect to:

(1) a contractor employee that has had a FAA background investigation within the previous five years, with uninterrupted employment and performance on a FAA facility, and a record of acceptable behavior; or

(2) a contractor employee that has had a FAA background investigation within the previous 12 months, with interrupted employment and performance on a FAA facility, and a record of acceptable behavior.

(d) If in unusual circumstances the contractor finds it necessary to utilize a person that does not meet the requirements of paragraph (a), the FAA may at its sole discretion, grant a waiver to this clause. Contractor's request
for waiver shall be in writing to the contracting officer, providing information about mitigating circumstances to the negative screening results, and explain why the person should have access to FAA facilities, resources or sensitive information. The FAA will grant or deny the waiver request in writing within 15 days following receipt. The decision to grant or deny the waiver is solely the FAA's, and is not subject to appeal or to the "Disputes" clause of this contract. The contractor understands that access suitability determinations by the responsible Security Servicing Element, although conclusive under this contract, derive legal standing independent of the contract.

(e) If the contractor fails to perform the required screening, or disregards the results of the screening, and subject personnel are found to be unacceptable as a result of FAA background investigation(s), the contractor shall be responsible for FAA's cost of subsequent FAA background investigation(s) of the replacement personnel. The cost of additional FAA background investigation(s) may be deducted from requests for payment under the contract.

(f) The Contractor shall retain all reports and related documentation pertaining to (a)(1) through (3) for the duration of this contract, and shall make them available for review by the contracting officer, or his/her designated representative, within 10 days of written request.

(g) Neither the time required to perform the screening, nor the impact of any personnel action(s) required as a consequence of the screening shall be considered an "excusable delay" as described in the "Default" clause of this contract.

(h) Notwithstanding the diligent effort of the contractor to provide qualified and acceptable personnel for performance of the contract, the CO may by written notice deny access to FAA facilities, resources, or sensitive information to those personnel who have been deemed incompetent, careless, dangerous, unsuitable or otherwise objectionable, former federal employees in violation of a post-employment restriction, or those whose continued presence on Government property is contrary to the public interest or inconsistent with the interest of national security. The Contractor shall fill out, and cause each of its personnel on the contract to fill out for submission to the Government, such forms as may be necessary for security or other reasons relating to qualifications and suitability for contract work. Upon request of the CO, the Contractor's personnel shall be fingerprinted.

H.12 SAVE HARMLESS AND INDEMNITY AGREEMENT (JAN 1997) CLA.3211

The contractor shall save and keep harmless and indemnify the Government against any and all liability, claims, and costs of whatsoever kind and nature of injury to or death of any person or persons and for loss or damage to any property (Government or otherwise) occurring in connection with or in any way incident to or arising out of the occupancy, use, service, operations, or performance of work in connection with this contract, resulting from the negligent acts, fault or omissions of the contractor, any subcontractor, or any employee, agent, or representative of the contractor or any subcontractor.

H.13 LIABILITY INSURANCE (JAN 1997) CLA.3212

(a) Pursuant to AMS 3.4.1-10, Insurance--Work on a Government Installation, the insurance required of the contract during contract performance is:

(1) Workers' compensation and employer's liability as required by applicable Federal and Oklahoma State workers' compsnsation and occupational disease statutes. Employer's liability coverage shall be not less than $100,000.

(2) General liability coverage written on the comprehensive form of policy providing limits of liability for bodily injury of not less than $500,000 for each occurrence and property damage limits of liability of not less than $100,000 for each accident.

(3) Automobile liability (applicable to vehicles used in connection with contract performance) written on the comprehensive form of policy providing coverage of at least $200,000 per person and $500,000 per occurrence for bodily injury and $100,000 per occurrence for property damage.

(b) The policy shall name "The United States of America, acting by and through the Federal Aviation Administration" as an additional insured with respect to operations performed under this contract.

(c) The policy shall include the following provision: "It is a condition of this policy that the insurer shall furnish written notice to the Federal Aviation Administration (certificate holder) 30 days in advance of any reduction in or cancellation of this policy."

(d) Certificate holder address:

FAA, NAS Contract Management Div. (AMQ-240)
e. o. Box 25082
Oklahoma City, OK 73125

(e) At any time during contract performance and upon request of the Contracting Officer, the contractor shall provide a certified true copy of the liability policy and manually countersigned endorsements of any changes thereto.

H.14 AERONAUTICAL CENTER REGULATIONS (JAN 1997) CLA.3402

Contractor personnel, including employees of subcontractors, suppliers, etc., working or visiting the worksite, shall abide by all appropriate traffic, parking, security, and airport regulations in effect at the Mike Monroney Aeronautical Center/Will Rogers World Airport.

H.15 AGREEMENT TO PARTICIPATE IN ALTERNATIVE DISPUTE RESOLUTION (APRIL 1998) CLA.4540

(a) The Federal Aviation Administration encourages direct communications and negotiations between the contractor and the contracting officer in an attempt to resolve contract disputes. In those situations where the parties are not able to achieve resolution at the contracting officer level, the agency favors the use of alternative dispute resolution (ADR) techniques to resolve disputes.

(b) The parties hereby agree that, prior to referring a contract dispute to the Office of Disputes Resolution as described in contract clause 3.9.1-1 "Contract Disputes", the parties will discuss whether they are willing to utilize ADR techniques such as mediation or nonbinding evaluation of the dispute by a neutral party. Upon receipt of a contract dispute from the contractor, the contracting officer will explore with the contractor whether the use of ADR techniques would be appropriate to resolve the dispute. Both parties must agree that the use of such techniques is appropriate, and agree to fairly share the associated expenses. If the parties do not mutually agree to utilize ADR to resolve the dispute, the dispute will be processed in accordance with the procedures set forth in clause 3.9.1-1.

H.16 3.13-6 Contractor Personnel Suitability Requirements CLA.4543 (JULY 2001) (AS REVISED 7/25/01)

(a) Definitions.

(1) Access - In general the term "access' is defined as the ability to physically enter or pass throuqh an FAA area or a facility; or having the physical ability or authority to bbtain FAA sensitive information, materials or resources. In relation to classified information. the ability, authority or opportunity to obtain knowledge of such information or materials.

(2) Classified information - means official information or material that requires protection in the interest of national security and is classified for such purpose by appropriate classification authority in accordance with the provisions of Executive Order 12958, Classified National Security Information, in accordance with the provisions of Executive Order 12968, Access to Classified.

(3) Contractor employee as used for personnel security - any person employed as or by a contractor, subcontractor or consultant in support of the FAA.

(4) FAA Facility as it applies to personnel security - any manned or unmanned building, structure, warehouse, appendage, storage area, utilities, and components, which, when related by function and location form an operating entity owned, operated, or controlled by the FAA.

(5) Operating Office - a FAA line of business, an office or service in FAA headquarters, or a FAA division level organization in a region or center.

(6) Resources - FAA resources include a physical plant, information databases including hardware and software, as well as manual records pertaining to agency mission or personnel.

(7) Sensitive Information - any information which if subject to unauthorized access, modification, loss, or misuse could adversely affect the national interest, the conduct of Federal programs, or the privacy to which individuals are entitled under Section 552a of Title 5, United States Code (the Privacy Act), but which has not been specifically authorized under criteria established by an Executive Order or an Act of Congress to be kept secret in the interest of national defense or foreign policy. Sensitive data also includes proprietary data.

(8) Servicing Security Element – the FAA headquarters, region, or center organizational element, which is responsible for providing security services to a particular activity.

(b) This clause applies to the extent that this contract requires contractor employees, subcontractors, or consultants to have access to FAA: (1) facilities, (2) sensitive information, and/or (3) resources regardless of the location where such access occurs, and none of the exceptions listed in FAA Order 1600.72, Chapter 4, paragraph 403g, 403i-l and/or 409, pertain.

(c) Consistent with FAA Order 1600.72, the FAA Servicing Security Element (SSE) has approved designated risk levels for the following positions under the contract:

Position	**Risk Level**
Project Manager	5
Alternate Project Manager	5
Supply Clerk	5
Electronics Technician	5
Admin. (Clerk/Secretary)	5
Supply Clerk/Buyer	5

(d) Not later than 30 days after contract award (or date of modification, if this provision is included by modification to an existing contract), for each employee in a listed position, provided, no previous background investigations can be supported as described below, the contractor shall submit the following documentation to the SSE for an employment suitability determination.

(1) Standard Form (SF) 85P, Questionnaire for Public Trust Positions, revised September 1995. The SF 85P shall be completed (all questions answered) in accordance with the instruction sheet.

(2) One single sheet fingerprint card (FD-258). The FAA SSE will provide information pertaining to the location of fingerprinting facilities. All fingerprint charts shall be written in ink or typewritten with all answerable question blocks completed, and shall be signed and dated within the 60 day period preceding the submission.

(3) The type of investigation conducted will be determined by the position risk level designation for all duties, functions, and/or tasks performed and shall serve as the basis for granting a favorable employment suitability authorization as described in FAA Order 1600.72. If an employee has had a previous background investigation completed by a federal Government entity, which meets the requirements of Chapter 4 of FAA Order 1600.72, it will be accepted by the FAA, however, the FAA reserves the right to conduct further investigations, if necessary. For each employee for which a previous background investigation was completed the Contractor shall provide, in writing to the SSE, the name, date of birth, place of birth, and social security number of the employee, the name of the investigating entity and approximate date the previous background investigation was completed.

(4) The Contractor shall submit the required information with a transmittal letter referencing the contract number and this request to:

Mike Monroney Aeronautical Center Contracts:
Mgr., Investigations and Internal Security Branch, AMC-700
Federal Aviation Administration
6500 S. MacArthur Blvd.
Oklahoma City, OK 73169

(5) The transmittal letter shall also include a list of the names of employees and their positions for which completed forms were submitted to the SSE pursuant to this Clause. A copy of the transmittal letter shall also be provided to the Contracting Officer.

(e) The contractor shall submit the information required by Section (d) of this Clause for any new employee not listed in the Contractor's initial thirty (30) day submission who is hired into any position identified in Section (c) of this Clause.

(f) No contractor employee shall work in a high, moderate, or low risk position unless the SSE has received all forms necessary to conduct any required investigation and has authorized the contractor employee to begin work. However, if this provision is added by modification to an existing contract, contractor employees performing in the positions listed above may continue work on the contract pending:

(1) the submittal of all necessary forms within 30 days, and

(2) completion of a suitability investigation by the SSE, subject to the following conditions:

NONE

(3) If the necessary forms are not submitted by the Contractor to the SSE within 30 days of the effective date of the modification, the contractor employee shall be denied access to FAA facilities, sensitive information and/or resources until such time as the forms are submitted.

(g) As applicable, the Contractor shall submit quarterly reports providing the following information to the Contracting Officer with a copy to the SSE and the Operating Office on or before the fifth day following each report period: A complete listing by full name in alphabetical order with the social security number, of all contractor personnel who had access to an FAA facility, sensitive information and/or resources anytime during the report period (social security number shall be omitted from CO and Operating Office copies of report(s)).

(1) In addition to the above mentioned quarterly report requirements, the Contractor shall submit to the SSE on or before the fifth day of each month, any employment changes made during the reporting period. Examples of such changes are terminations (to include name, SSN, termination date), new hires (to include name, SSN, hire date), and name changes. All lists should be in alphabetical order and have the name of the Contractor and the contract number.

(h) The Contractor shall notify the CO within one (1) day after any employee identified pursuant to Section (c) of this Clause is terminated from performance on the contract.

(i) The Contracting Officer may also, after coordination with the SSE and other security specialists, require contractor employees to submit any other security information (including additional fingerprinting) deemed reasonably necessary to protect the interests of the FAA. In this event, the Contractor shall provide, or cause each of its employees to provide such security information to the SSE, and the same transmittal letter requirements of Section (d) of this Clause shall apply.

(j) Failure to submit information required by this clause within the time required may be determined by the Contracting Officer a material breach of the contract.

(k) If subsequent to the effective date of this contract, the security classification or security requirements under this contract are changed by the Government and if the changes cause an increase or decrease in security costs

or otherwise affect any other term or condition of this contract, the contract shall be subject to an equitable adjustment as if the changes were directed under the Changes clause of this contract.

(l) The contractor agrees to insert terms that conform substantially to the language of this clause, including this paragraph (l) but excluding any reference to the Changes clause of this contract, in all subcontracts under this contract that involve access and where the exceptions under Chapter 4, paragraph 403g, 403i-l, and 409 of FAA Order 1600.72 do not apply.

H.17 FOREIGN NATIONALS AS CONTRACTOR EMPLOYEES (JUL 2001) CLA.4544

(a) All contractor personnel involved with the performance of this contract requiring access as defined by the Clause entitled 3.13-6 Contractor Personnel Suitability Requirements, in performance of this contract, shall be a citizen of the United States of America, or an alien who has been lawfully admitted for permanent residence as evidenced by Alien Registration Receipt Card form I-151, or who presents other evidence from the Immigration and Naturalization Service that employment will not affect his/her immigration status. Copies of applicable documentation must be available to appropriate Federal Officials upon request.

(b) Aliens and foreign nationals proposed under this contract who have access to FAA sensitive information, facilities and/or resources must meet the following conditions in accordance with FAA Order 1600.72, chapter 4, paragraph 407: (1) must have resided within the United States for 3 consecutive years of the last 5 years unless a waiver of this requirement is requested and approved in accordance with the requirements stated in FAA Order 1600.72, chapter 4, paragraph 409(b)(3); (2) a risk or sensitivity level designation can be made for the position; and (3) the appropriate security screening can be adequately conducted.

A.18 SECURITY FORMS SUBMITTAL REQUIREMENTS (JUL 2001) CLA.4545

(a) The contractor shall submit complete (meaning every blank filled in), accurate (to the best of their knowledge) and timely (within the time frame specified in the Clause entitled 3.13-6 contractor Personnel Suitability Requirements) security forms with the required transmittal letter to the appropriate Servicing Security Element (SSE). A copy of the transmittel letter shall also be provided to the Contracting Officer.

(b) The applicable security forms are located on the Internet at http://www.mmac.jccbi.gov/amq/security.htm except for the Fingerprint Charts (Form No. FD-258) and ID Card Applications (DOT Form 1681) which will be provided by the COTR after contract award.

(c) Any discrepancies/incomplete forms shall be returned to the contractor's Project Manager or in lieu thereof, to the Government's Contracting Officer's Technical Representative (COTR) for return to the contractor.

(d) Failure on the contractor's part to submit complete, accurate and timely information (in whole or in part) may be grounds for termination under the Default clause of this contract.

H.19 CONTRACT PERFORMANCE WITH FORMER GOVERNMENT EMPLOYEES (JAN 2000) CLA.4527

(a) After contract award or the effective date this clause is incorporated into the contract by modification, the Contractor agrees not to allow any former Government employee, who separated from Government service with a Voluntary Separation Incentive Payment (VSIP), to perform work on this contract before receipt of non-objection by the Contracting Officer.

(b) The contractor shall notify the Contracting Officer in advance of any proposed work or change in work to be done under this contract by a former government "buyout" employee. Such written notification shall include:

1) employee's full name and date of separation from Government service,
2) name and location of former Government agency of employment, and
3) either evidence of any one of the following;
(i) repayment of the separation incentive or a court approved settlement, or
(ii) a waiver of repayment granted under authoritv of the statute(s) or
(iii) that five years have lapsed since separation from government service; or
4) proposed job title, work location anda detailed statement of work to be performed by the former employee" under the contract

(c) The contracting officer's non-objection described in (a) above is at the sole discretion of the Government. In no event shall the Government's decision under (a) above with respect to any person, or the length of time to arrive at the decision, constitute grounds for adjustment of the contract price, or the contract performance or delivery requirements.

PART II - SECTION I - CONTRACT CLAUSES

3.2.4-16 ORDERING (OCTOBER **1996)**

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from the date of conrract award through the end of the contract period, including any options.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or rask order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

3.2.4-17 ORDER LIMITATIONS (OCTOBER **1996)**

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than 1 each unit, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor-

(1) Any order for a single item in excess of the total amount of the contract;

(2) Any order for a combination of items in excess of 125 percent of the total amount of the contract; or

(3) A series of orders from the same ordering office within 30 days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract, the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 30 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this

notice, the Government may acquire the supplies or services from another source.

3.2.4-19 REQUIREMENTS (OCTOBER 1996)

(a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies or services specified in the "Schedule" are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as "estimated" or "maximum" in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. Subject to any limitations in the Order Limitations clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the "Schedule" and called for by orders issued in accordance with the Ordering clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the "Schedule" that are required to be purchased by the Government activity or activities specified in the "Schedule."

(d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.

(e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.

(f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after the delivery date required by order(s) placed within the ordering period.

3.2.4-19/alt1 Requirements Alternate I (October 1996)

If the requirements contract is for nonpersonal services and related supplies and covers estimated requirements that exceed a specific Government activity's internal capability to produce or perform, substitute the following paragraph (c) for paragraph (c) of the basic clause:

(c) The estimated quantities are not the total requirements of the Government activity specified in the Schedule, but are estimates of requirements in excess of the quantities that the activity may itself furnish within its own capabilities. Except as this contract otherwise provides, the Government shall order from the Contractor all of that activity's requirements for supplies and services specified in the "Schedule" that exceed the quantities that the activity may itself furnish within its own capabilities.

3.2.4-34 OPTION TO EXTEND SERVICES (APRIL 1996)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The

Contracting Officer may exercise the option by written notice to the Contractor within the period specified in the Schedule.

3.2.4-35 OPTION TO EXTEND TEE TERM OF THE CONTRACT (APRIL 1996)

(a) The Government may extend the term of this contract by written notice to the Contractor within the present term of the contract; provided, that the Government shall give the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option provision.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years.

3.3.1-11 AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR (APRIL 1996)

Funds are not presently available for performance under this contract beyond the FAA's current fiscal year. The FAA 's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the FAA for any payment may arise for performance under this contract beyond the FAA's current fiscal year, until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

3.6.2-29 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (APRIL 1996)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332. This Statement is for Information Only: It Is Not a Wage Determination:

Employee class	Monetary Wage-Fringe Benefits
Electronic Tech, Maintenance, Level 1	$17.21
Electronic Tech, Maintenance, Level II	$20.82
Electronic Tech, Maintenance, Level III	$24.96

3.8.2-17 KEY PERSONNEL AND FACILITIES (JULY 1996)

(a) The personnel and/or facilities as specified below are considered essential to the work being performed hereunder and may, with the consent of the contracting parties, be changed from time to time during the course of the contract.

(b) Prior to removing, replacing, or diverting any of the specified personnel and/or facilities, the Contractor shall notify in writing, and receive consent from, the Contracting Officer reasonably in advance of the action and shall submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(c) No diversion shall be made by the Contractor without the written consent of the Contracting Officer.

(d) The key personnel and/or facilities under this contract are:

Project Manager
Metrologist

[List key personnel and/or facilities]

3.9.1-1 **CONTRACT DISPUTES (AUGUST** 1999)

(a) All contract disputes arising under or related to this contract shall be resolved through the Federal Aviation Administration (FAA) dispute resolution system at the Office of Dispute Resolution for Acquisition (ODRA) and shall be governed by the procedures set forth in 14 C.F.R. Parts 14 and 17, which are hereby incorporated by reference. Judicial review, where available, will be in accordance with 49 U.S.C. 46110 and shall apply only to final agency decisions. A contractor may seek review of a final FAA decision only after its administrative remedies have been exhausted.

(b) The filing of a contract dispute with the ODRA may be accomplished by mail, overnight delivery, hand delivery, or by facsimile. A contract dispute is considered to be filed on the date it is received by the ODRA.

(c) Contract disputes are to be in writing and shall contain:

(1) The contractor's name, address, telephone and fax numbers and the name, address, telephone and fax numbers of the contractor's legal representative(s) (if any) for the contract dispute;

(2) The contract number and the name of the Contracting Officer;

(3) A detailed chronological statement of the facts and of the legal grounds for the contractor's positions regarding each element or count of the contract dispute (i.e., broken down by individual claim item), citing to relevant contract provisions and documents and attaching copies of those provisions and documents;

(4) All information establishing that the contract dispute was timely filed;

(5) A request for a specific remedy, and if a monetary remedy is requested, a sum certain must be specified and pertinent cost information and documentation (e.g., invoices and cancelled checks) attached, broken down by individual claim item and summarized; and

(6) The signature of a duly authorized representative of the initiating party.

(d) Contract disputes shall be filed at the following address:

(1) Office of Dispute Resolution for Acquisition, AGC-70,
Federal Aviation Administration,
400 7th Street, S.W., Room 8332,
Washington, DC 20590,
Telephone: (202) 366-6400,
Facsimile: (202) 366-7400; or

(2) other address as specified in 14 CFR Part 17.

(e) A contract dispute against the FAA shall be filed with the ODRA within two (2) years of the accrual of the contract claim involved. A contract dispute by the FAA against a contractor (excluding contract disputes alleging warranty issues, fraud or latent defects) likewise shall be filed within two (2) years after the accrual of the contract claim. If an underlying contract entered into prior to the effective date of this part provides for time limitations for filing of contract disputes with the ODRA which differ from the aforesaid two (2) year period, the limitation periods in the contract shall control over the limitation period of this section. In no event will either party be permitted to file with the ODRA a contract dispute seeking an equitable adjustment or other damages after the contractor has accepted final contract payment, with the exception of FAA claims related to warranty issues, gross mistakes amounting to fraud or latent defects. FAA claims against the contractor based on warranty issues must be filed within the time specified under applicable contract warranty provisions. Any FAA claims against the contractor based on gross mistakes amounting to fraud or latent defects shall be filed with the ODRA within two (2) years of the date on which the FAA knew or should have known of the presence of the fraud or latent defect.

(f) A party shall serve a copy of the contract dispute upon the other party, by means reasonably calculated to be received on the same day as the filing is to be received by the ODRA.

(g) After filing the contract dispute, the contractor should seek informal resolution with the Contracting Officer.

(h) The FAA requires continued performance with respect to contract disputes arising under this contract, in accordance with the provisions of the contract, pending a final FAA decision.

(i) The FAA will pay interest on the amount found due and unpaid from (1) the date the Contracting Officer receives the contract dispute, or (2) the date payment otherwise would be due, if that date is later, until the date of payment. Simple interest on contract disputes shall be paid at the rate fixed by the Secretary of the Treasury that is applicable on the date the Contracting Officer receives the contract dispute and then at the rate applicable for each 6-month period as fixed by the Treasury Secretary until payment is made.

(j) Additional information and guidance about the ODRA dispute resolution process for contract disputes can be found on the ODRA Website at http://www.faa.gov.

3.9.1-2 **PROTEST AFTER AWARD (AUGUST** 1997)

(a) Upon receipt of a notice that a protest has been filed with the FAA Office of Dispute Resolution, or a determination that a protest is likely, the Administrator or his designee may instruct the Contracting Officer) to direct the Contractor to stop performance of the work called for by this contract. The order to the Contractor shall be in writing, and shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all rsasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Upon receipt of the final decision or other resolution of the protest, the Contracting Officer shall either--

(1) Cancel the stop-work order; or

(2) For other than cost-reimbursement contracts, terminate the wcrk covered by the order as provided in the "Default" or the "Termination for Convenience of the Government" clause(s) of this contract; or

(3) For cost-reimbursement contracts, terminate the work covered by the order as provided in the "Termination" clause of this contract.

(b) If a stop-work order issued under this clause is canceled either before or after the final resolution of the protest, the Contractor shall resume work. The Contracting Officer shall make for other than cost-reimbursement contracts, an equitable adjustment in the delivery schedule or contract price, or both; and for cost-reimbursement contracts, an equitable adjustment in the delivery schedule, the estimated cost, the fee, or a combination thereof, and in any other terms of the contract that may be affected; and the contract shall be modified, in writing, accordingly, if--

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to an adjustment within 30 days after the end of the period of work stoppage; provided, that if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon a proposal submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by

equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

(e) The Government's rights to terminate this contract at any time are not affected by action taken under this clause.

3.10.2-1 SUBCONTRACTS (FIXED-PRICE CONTRACTS) (APRIL 1996)

(a) This clause does not apply to firm-fixed-price contracts and fixed-price contracts with economic price adjustment. However, it does apply to subcontracts resulting from unpriced modifications to such contracts.

(b) Subcontract, as used in this clause, includes but is not limited to purchase orders, and changes and modifications to purchase orders. The Contractor shall notify the Contracting Officer reasonably in advance of entering into any subcontract if the Contractor does not have an approved purchasing system and if the subcontract:

(1) Is proposed to exceed $100,000; or

(2) Is one of a number of subcontracts with a single subcontractor, under this contract, for the same or related supplies or services, that in the aggregate are expected to exceed $100,060.

(c) The advance notification required by paragraph (b) above shall include-

(1) A description of the supplies or services to be subcontracted;

(2) Identification of the Lype of subcontract to be used;

(3) Identification of the proposed subcontractor snd an explanation of why and how the proposed subcontractor was selected, including the competition obtained;

(4) The proposed subcontract price and the Contractor's cost or price analysis;

(5) The subcontractor's current, complete, and accurate cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions;

(6) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract; and

(7) A negotiation memorandum reflecting-

(i) The principal elements of the subcontract price negotiations;

(ii) The most significant considerations controlling establishment of initial or revised prices;

(iii) The reason cost or pricing data were or were not required;

(iv) The extent, if any, to which the Contractor did not rely on the subcontractor's cost or pricing data in determining the price objective and in negotiating the final price;

(v) The extent, if any, to which it was recognized in the negotiation that the subcontractor's cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and subcontractor; and the effect of any such defective data on the total price negotiated;

(vi) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(vii) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(d) The Contractor shall obtain the Contracting Officer's written consent before placing any subcontract for which advance notification is required under paragraph (b) above. However, the Contracting Officer may ratify in writing any such subcontract. Ratification shall constitute the consent of the Contracting Officer.

(e) Even if the Contractor's purchasing system has been approved, the Contractor shall obtain the Contracting Officer's written consent before placing subcontracts identified below:

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination:

(1) of the acceptability of any subcontract terms or conditions,

(2) of the acceptability of any subcontract price or of any amount paid under any subcontract, or

(3) to relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis.

(h) The Government reserves the right to review the Contractor's purchasing system.

3.10.2-1/ALT1 **SUBCONTRACTS (FIXED-PRICE CONTRACTS) ALTERNATE I (APRIL** 1996)

If the Contracting Officer elects to delete the requirement for advance notification of, or consent to, any subcontracts that were evaluated during negotiations (this election is not authorized for acquisition of major systems and subsystems or their components), add the following paragraph (i) to the basic clause:

(i) Paragraphs (b) and (c) of this clause do not apply to the followina subcontracts, which were evaluated during negotiations: _____[fist subcontracts]

3.13-7 **QUALIFICATION OF EMPLOYEES (JULY** 2000)

The Contracting Officer will provide notice tu the Contractor when any contractor employee is found to be unsuitable or otherwise objectionable, or whose conduct appears contrary to the public interest, or inconsistent with the best interest of national security. The Contractor shall take appropriate action, including the removal of such employees from working on this FAA contract, at their own expense. The contractor agrees to insert terms that conform substantially to the language of this clause in all subcontracts under this contract.

3.1-1 **CLAUSES** AND **PROVISIONS INCORPORATED BY REFERENCE (JUNE** 1999)

This screening information request (SIR) or contract, as applicable, incorporates by reference one or more provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: http://fast.faa.gov (on this web page, select "toolsets", then "procurement toolbox").

3.1.8-1 **CANCELLATION, RECISSION,** AND **RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTMTY (OCTOBER** 1999)
3.1.8-2 **PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (OCTOBER** 1999)
3.2.2.3-33 **ORDER OF PRECEDENCE (JANUARY** 1999)
3.2.2.7-6 **PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (APRIL** 1996)
3.2.5-1 **OFFICIALS NOT TO BENEFIT (APRIL** 1996)
3.2.5-3 **GRATUITIES OR GIFTS (JANUARY** 1999)
3.2.5-4 **CONTINGENT FEES (OCTOBER** 1996)
3.2.5-5 **ANTI-KICKBACK PROCEDURES (OCTOBER** 1996)
3.2.5-6 **RESTRICTIONS ON SUBCONTRACTOR SALES TO THE FAA (APRIL** 1996)
3.2.5-8 **WHISTLEBLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (APRIL** 1996)

3.2.5-11 DRUG FREE WORKPLACE (APRIL 1996)
3.3.1-1 PAYMENTS (APRIL 1996)
3.3.1-5 PAYMENTS UNDER TIME-AND-MATERIALS AND LABOR-HOUR CONTRACTS (APRIL 2001)
3.3.1-6 DISCOUNTS FOR PROMPT PAYMENT (APRIL 1996)
3.3.1-7 LIMITATION ON WITHHOLDING OF PAYMENTS (APRIL 1996)
3.3.1-8 EXTRAS (APRIL 1996)
3.3.1-9 INTEREST (APRIL 1996)
3.3.1-10 AVAILABILITY OF FUNDS (APRIL 1996)
3.3.1-15 ASSIGNMENT OF CLAIMS (APRIL 1996)
3.3.1-17 PROMPT PAYMENT (AUGUST 1998)
3.3.1-25 MANDATORY INFORMATION FOR ELECTRONIC FUNDS TRANSFER PAYMENT (OCTOBER 1996)
3.4.1-10 INSURANCE--WORK ON A GOVERNMENT INSTALLATION (JULY 1996)
3.4.1-12 INSURANCE (JULY 1996)
3.4.2-6 TAXES--CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO (OCTOBER 1996)
3.4.2-8 FEDERAL, STATE, AND LOCAL TAXES--FIXED PRICE CONTRACT (APRIL 1996)
3.5-1 AUTHORIZATION AND CONSENT (APRIL 1996)
3.5-2 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (APRIL 1996)
3.5-3 PATENT INDEMNITY (APRIL 1996)
3.5-13 RIGHTS IN DATA--GENERAL (OCTOBER 1996)
3.6.1-3 UTILIZATION OF SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS CONCERNS (APRIL 1996)
3.6.1-4 SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (APRIL 2000)
3.6.1-6 LIQUIDATED DAMAGES--SUBCONTRACTING PLAN (APRIL 1996)
3.6.1-9 MENTOR PROTEGE PROGRAM (JANUARY 1999)
3.6.2-1 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT-OVERTIME COMPENSATION (APRIL 1996)
3.6.2-2 CONVICT LABOR (APRIL 1996)
3.6.2-9 EQUAL OPPORTUNITY (AUGUST 1998)
3.6.2-10 EQUAL OPPORTUNITY PREAWARD CLEARANCE OF SUBCONTRACTS (NOVEMBER 1997)
3.6.2-12 AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (JANUARY 1998)
3.6.2-13 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (APRIL 2000)
3.6.2-14 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF VIETNAM ERA (JANUARY 1998)
3.6.2-16 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (APRIL 1996)
3.6.2-28 SERVICE CONTRACT ACT OF 1965, AS AMENDED (APRIL 1996)
3.6.2-30 FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT--PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS) (APRIL 1996)
3.6.3-2 CLEAN AIR AND CLEAN WATER (APRIL 1996)
3.6.3-11 TOXIC CHEMICAL RELEASE REPORTING (AUGUST 1998)
.6.4-10 RESTRICTIONS N CERTI IGN CE IL 1996)
.6.5-1 UTILIZATION O INDIAN ATI AN INDIAN WNE EDONOMIC ENTERPRISES (JANUARY 1999)
3.7-1 PRIVACY ACT NOTIFICATION (OCTOBER 1996)
3.7-2 PRIVACY ACT (OCTOBER 1996)
3.8.2-10 PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION (APRIL 1996)
3.8.2-11 CONTINUITY OF SERVICES (APRIL 1996)
3.10.1-7 BANKRUPTCY (APRIL 1996)
3.10.1-12 CHANGES--FIXED-PRICE (APRIL 1996)
3.10.1-12/ALT1 CHANGES--FIXED PRICE ALTERNATE I (APRIL 1996)
3.10.1-14 CHANGES--TIME AND MATERIALS OR LABOR HOURS (APRIL 1996) (Applicable to CLINS 10, 11, and 12 only)

3.10.1-22 CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (JULY 1996)
3.10.2-3 SUBCONTRACTS (TIME-AND-MATERIALS AND LABOR-HOUR CONTRACTS (APRIL 1996) (Applicable to CLINS 10, 11, and 12 only)
3.10.2-5 COMPETITION IN SUBCONTRACTING (JANUARY 19998)
3.10.2-6 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENETS (APRIL 1996)
3.10.3-1 DEFINITIONS (DECEMBER 1997)
3.10.3-2 GOVERNMENT PROPERTY - BASIC CLAUSE (DECEMBER 1997)
3.10.3-2/ALT2 GOVERNMENT PROPERTY - BASIC CLAUSE ALTERNATE II (DECEMBER 1997)
3.10.3-3 GOVERNMENT PROPERTY CONSOLIDATED FACILITIES (DECEMBER 1997)
3.10.3-4 LIABILITY FOR THE FACILITIES (DECEMBER 1997)
3.10.3-5 USE AND CHARGES (DECEMBER 1997)
3.10.3-7 GOVERNMENT PROPERTY - FACILITIES USE (DECEMBER 1997)
3.10.3-8 SPECIAL TOOLING (DECEMBER 1997)
3.10.3-9 SPECIAL TEST EQUIPMENT (DECEMBER 1997)
3.10.3-10 MANAGEMENT OF GOVERNMENT PROPERTY IN CONTRACTOR'S POSSESSION (DECEMBER 1997)
3.10.3-11 CONTRACTOR'S MAINTENANCE PROGRAM (DECEMBER 1997)
3.10.3-12 IDENTIFICATION OF GOVERNMENT PROPERTY (DECEMBER 1997)
3.10.3-13 SEGREGATION OF GOVERNMENT PROPERTY (DECEMBER 1997)
3.10.3-14 INVENTORIES (DECEMBER 1997)
3.10.3-15 DISPOSITION OF GOVERNMENT PROPERTY (DECEMBER 1997)
3.10.5-1 PRODUCT IMPROVEMENT/TECHNOLOGY ENHANCEMENT (APRIL 1996)
3.10.6-1 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE) (OCTOBER 1996)
3.10.6-3 TERMINATION (COST-REIMBURSEMENT) (OCTOBER 1996)
3.10.6-3/alt4 TERMINATION (COST-REIMBURSEMENT) ALTERNATE IV (OCTOBER 1996)
3.10.6-4 DEFAULT (FIXED-PRICE SUPPLY AND SERVICE (OCTOBER 1996)
3.10.6-7 EXCUSABLE DELAYS (OCTOBER 1996)
3.13-2 SECURITY REQUIREMENTS (APRIL 1996)

PART III - SECTION J - LIST OF ATTACHMENTS

ATTACHMENT	TITLE	DATE	NO. OF PAGES
1	Performance Work Statement, FAA Logistics Center Test Equipment Repair and Calibration Services	4/2001	50
Technical Exhibit 1	Test Equipment Classification for Bid	N/A	13
Technical Exhibit 2	Estimated Workload Data	N/A	1
Technical Exhibit 2-1	Workload Percentages	N/A	1
Technical Exhibit 3	Parts Utilized	N/A	29
Technical Exhibit 4	Government Furnished Equipment	N/A	16

ATTACHMENT	TITLE	DATE	NO. OF PAGES
Technical Exhibit 5	ER Repair Quantities	N/A	5
Technical Exhibit 6	Map/Work Area Layout	2/1995	1
Technical Exhibit 7	Required Reports and Forms	N/A	18
Technical Exhibit 8	FAA Applicable Documents	N/A	2
2	Department of Labor Wage Determination 1994-2432 Revision 12	9/2000	10
3	Adjudicative Standards	N/A	1
	Screening Standards-Contractor	N/A	1

P E R F O R M A N C E W O R K S T A T E M E N T

FAA LOGISTICS CENTER

TEST EQUIPMENT REPAIR AND CALIBRATION SERVICES

APRIL 2001

TABLE OF CONTENTS

LIST OF ATTACHMENTS

TECHNICAL EXHIBITS (TE)

C-1. GENERAL

1.1 Scope of Work

The Contractor shall provide all services, personnel, material, supplies, supervision, labor, and equipment, except that specified as Government-furnished, required to operate the Test Equipment Repair and Calibration workcenter at the Mike Monroney Aeronautical Center (MMAC) by performing the services described in this Performance Work Statement (PWS). The Contractor shall provide related services as specified, in accordance with all terms, conditions, general and special contract requirements, specifications, drawings, attachments and exhibits contained herein or incorporated by reference.

1.2 WORKLOAD PROJECTIONS

The workload projections represent the Government's best estimate for each specific task required in this PWS. These workload projections represent the information used by the Government to budget in advance for anticipated supply support activities.

1.3 CONTRACTOR RESPONSIBILITIES

The Contractor's work and responsibilities include all Contractor planning, programming, administration and management necessary to provide the service specified herein. The work shall be conducted in accordance with this contract and all applicable Federal, State and local laws, regulations, codes, or directives, to include applicable documents listed in Technical Exhibit-8 (TE-8). The Contractor shall perform all related Contractor administrative services necessary to perform the work, such as supply, quality assurance, shop operation, financial control and maintenance of accurate and complete records, files and libraries of documents, to include Federal, State and local laws, regulations, codes, technical manuals and manufacturer's instructions and recommendations, which are necessary and related to the functions being performed.

1.4 BACKGROUND INFORMATION

The FAA Logistics Logistics Center (FAALC)is located within the Mike Monroney Aeronautical Center (MMAC), Oklahoma City, Oklahoma. The MMAC is a service and support facility for the Federal Aviation Administration (FAA) and the U.S. Department of Transportation (DOT). Activities at MMAC can be grouped into four major functions: Training, Supply, Research and Service. The major responsibility of the FAALC is supply support of the National Airspace System (NAS). Electronic test equipment and other measurement systems serviced by

this facility are in the direct support of the NAS. The Test Equipment Repair and Calibration Services function operates and maintains laboratory standards. Its primary duties are repairing, performing depot level overhaul to original manufacturers specifications, cleaning, modifying, calibrating, and certifying precision test equipment and measurement systems.

1.5 PERSONNEL

The contractor shall provide a sufficient number of qualified personnel to perform the work described in this PWS. These personnel shall provide the core of knowledge for the Contractor to ensure uninterrupted performance at acceptable quality levels. The following minimum requirements shall be met for contractor personnel (including all sub-contracted personnel assigned to perform under this PWS).

1.5.1 Key Personnel

The following key personnel shall provide management, administrative and technical interface with FAA personnel in the day-to-day accomplishment of these PWS requirements. The names of these individuals and their alternates shall be designated in writing in the Contractor's Quality Control Plan and other plans as required. Any proposed changes to these individuals must be approved in writing by the C.O.

1.5.1.1 Contract Manager

The contractor must assign a manager who shall have final responsibility for the contract. This individual shall have full authority to act for the contractor in all day-to-day matters relating to contractor performance and shall work with the Government's Contracting Officer Technical Representative (COTR) in the administration, management, performance, and procedural and technical matters pertaining to this contract. The Contract Manager shall be physically present on site at the FAALC, except on legal federal holidays, during the hours of 8:00 AM to 4:30 PM, Monday through Friday. The Contractor shall designate an individual(s) to act for the manager when work is being performed at hours other than those listed above. An individual shall be designated as alternate should the Contract Manager be absent. The COTR shall be notified in writing, the name of the individual to act as alternate. The Contractor shall provide telephone numbers of the Manager and alternate(s) where these persons may be contacted outside of normal duty hours. The Contract Manager and any individual(s) designated to act for the Contractor shall have full authority to contractually

commit the Contractor, and act without delay on matters pertaining to execution of the contract.

1.5.2 Minimum Requirements

In addition to technical requirements, personnel assigned for this PWS work must be fully capable of reading, writing, understanding, and speaking common English. All personnel shall be United States citizens or resident aliens.

The following are the minimum technical requirements for personnel performing this PWS:

1.5.2.1 Metrologist

The metrologist shall have technical experience maintaining calibration reference standards for basic electrical measurements, transferring the integrity of reference standards to working standards, and developing new methodologies and the required instrumentation for state-of-the-art electrical measurements. The metrologist shall have a thorough understanding of proper metrology techniques, and the performance and application of commercial measurement apparatus, standards, sources, etc., commonly used for precision measurements. An indepth knowledge of maintaining and calibrating mercury barometric pressure standards is required. The metrologist shall be capable of developing manual/automated calibration procedures as required.

1.5.2.2 Technician

The technicians shall have experience in performing functions such as operation, troubleshooting, maintenance, repair and calibration of voltage, current, power, impedance, frequency, microwave or barometric pressure measurement. A knowledge of electrical theory, electronics and physics and operating principles of precision measurement equipment (PME), including calibration and working standards, interpretation of schematic wiring diagrams, blue prints, technical publications, use and care of calibration standards, PME and metrology is desired.

1.5.3 Qualifications Review

The contractor shall present all pertinent qualification credentials to the CO for subsequent review, approval or disapproval. The CO shall have final approval authority as to acceptance or nonacceptance of all contractor nominated supervisory and technical personnel for the positions in this contract. The CO may waive the mandatory

experience requirements upon presentation of evidence of equivalent experience in a related field.

1.5.4 Employee Conduct

Personnel assigned to the accomplishment of PWS work must be acceptable to the Government in terms of personal and professional conduct.

1.5.5 Restrictions on Employee Activity

Contractor employees shall conduct only business covered by this Performance Work Statement while on Government premises. Contractor employees shall not discuss information obtained in the performance of work with unauthorized personnel. No contractor employees, while performing PWS tasks, shall solicit new business from the Government. Contractor employees shall not attempt to recruit Government employees while on Government premises or otherwise act to disrupt official Government business.

1.5.6 Contractor Employee Compliance with Regulations

The Contractor shall assure that Contractor employees observe and comply with all local and FAA policies, regulations, and procedures concerning fire, safety, environmental protection, sanitation, security, traffic, parking, gratuities, "off limits" areas and possession of firearms or other lethal weapons.

1.5.7 Employment of Off-Duty Government Personnel

The Contractor shall not hire off-duty Government employees whose employment would result in a conflict with Office of Personnel Management (OPM) and Department of Transportation (DOT) regulations.

1.5.8 Personnel Training

The Contractor shall provide for all training required to meet requirements of the PWS, unless otherwise specified herein or as otherwise approved by the CO. Training records shall be maintained for each employee.

1.5.9 Personnel Reporting Requirements

The contractor shall provide on a monthly basis to the Office of Facility Management, AMP-1, and to the C.O, the names, work shift, job titles, hiring dates, and termination dates - in alphabetical sequence - of all persons with Government ID badges who were in the

contractor's employ the previous month. These roster reports are due no later than the 5th day of each month.

1.6 ADMINISTRATIVE

1.6.1 Security

1.6.1.1 Contractor's Security Point of Contact

The Contractor shall designate an on-site point of contact through which the Government may direct security-related questions. This employee shall be designated in writing to the CO prior to the start of the base year performance period.

1.6.1.2 Data Systems Security

Data security must be provided via terminal restrictions as prescribed by the Aeronautical Center Office of Information Services standard operating procedures. These procedures are in accordance with standards prescribed by the Comptroller General, the Department of Transportation, the Office of Management and Budget, and the Department of Defense, including the Federal Information Processing Standards (FIPS) publications. The Contractor shall comply with FAA Order 1600.54B, FAA Automated Information Systems Security Handbook. The Contractor shall be responsible for monitoring and controlling access to all automated system databases. The contractor shall register all personnel authorized to use the computer systems by completing required request for Computer Data Access forms as directed by the CO. Only those Contractor personnel so authorized shall operate these data systems. Any passwords assigned shall only be used by authorized contractor personnel. Upon termination of employment, the contractor shall delete affected individual's assigned password(s) from the system.

1.6.1.3 Physical Security

Contractor personnel working within Government facilities are responsible for compliance with applicable building and physical security requirements. These requirements include, but are not limited to, the use of only authorized entrance and exit points, responsibilities for securing doors and gates, protecting Government property from loss, theft, abuse, or damage, proper use of emergency telephones and challenging persons not displaying required identification badges. These and other individual security requirements shall be coordinated with the Civil Aviation Security Division, (AMC-700) prior to the start of transition period.

1.6.1.3.1 Contractor Controlled Access

The Contractor shall not permit entrance to locked areas by any person other than contractor personnel engaged in the performance of work in those areas, or personnel assigned to the activity where the contractor is performing work, without written authorization of the COTR. The CO, COTR, Office of Facility Management (AMP-1) and Civil Aviation Security Division (AMC-700) personnel, shall have access through any Contractor controlled point providing entry to any Government owned property or facility.

1.6.1.3.2 Contractor Package Inspection

At the discretion of the Government, any or all Government or personally owned packages, containers, briefcases, purses, etc., brought into, while on, or while being removed from Government property, by the Contractor personnel, are subject to inspection.

1.6.1.3.3 Stolen, Missing, or Damaged Government Property

The Contractor shall report all suspected stolen, missing, or intentionally damaged Government property to the CO and the Civil Aviation Security Division, AMC-700, using Form AC 1600-5. The report shall be made within one workday of determination that the item(s) is stolen, missing or damaged. The Contractor shall cooperate with AMC-700, or other Government investigation services conducting investigations or surveys relating to the disposition or status of Government property.

1.6.1.3.4 Stolen, Missing, or Damaged Personal Property

The Contractor shall report all suspected stolen, missing, or intentionally damaged personally owned property which is determined to be missing, stolen, or intentionally damaged while on or in Government facilities to the CO and the Civil Aviation Security Division, AMC-700, using Form 1600-5. The report shall be made within one workday of determination. The Contractor shall cooperate with AMC-700 or other Government investigation services conducting investigations or surveys relating to the disposition or status or personal property on or in Government facilities.

1.6.1.4 Security Inspections

The Contractor shall be subject to recurrent and one-time inspections, surveys, risk analysis, and reviews authorized by FAA directives which are conducted by the Civil Aviation Security Division, AMC-700. The

Contractor shall cooperate fully with AMC-700 in the scheduling and conduct of such inspections, surveys, risk analysis, and reviews.

1.6.1.5 Compliance with Security Directives

The Contractor shall comply with all other pertinent security directives pertaining, but not limited to, Information Security (Privacy Act information, For Official Use Only information, Proprietary information, Classified Information, etc.), Industrial Security, Communications Security, Physical Security, identified in TE-8. In addition, the Contractor shall develop a security indoctrination briefing to be given to all contract employees at the beginning of the transition period upon hiring of subsequent employees and to all employees on a recurrent basis at least once a year. The security indoctrination briefing shall be approved by the Investigations and Internal Security Branch, AMC-710 prior to use.

1.6.1.6 Key Control

Procedures shall be implemented to ensure that keys and access cards issued to the'Contractor by the Government are not lost or misplaced and are not used by unauthorized persons. No keys issued to the Contractor shall be duplicated. The planned procedures for key/access card control shall be included in the Contractor's Quality Control Plan.

1.6.1.6.1 Loss of Keys

Loss of either key(s) or access card(s) shall be reported to the COR within one hour of discovery of the loss.

1.6.1.6.2 Use of Keys

Keys/access cards issued by the Government shall be used only by authorized Contractor employees. The Contractor shall prohibit the opening of secured areas to persons other than Contractor employees engaged in the performance of assigned work.

1.6.2 Vehicle Registration

The Contractor and Contractor employees utilizing Contractor owned or privately owned vehicles on the MMAC shall meet all Oklahoma Department of Public Safety requirements for operation of motor vehicles. Upon employment or use of parking areas within MMAC limits, Contractor employees shall register vehicles at Pass & ID, Rm. 151, Headquarters Bldg. and obtain a vehicle decal for display on the vehicle as directed. The Contractor shall assure that Contractor

employees comply with vehicle registration requirements and return vehicle pass/decal to the Pass & ID Office within one working day when an employee is no longer in the service of the Contractor, or upon completion or termination of the contract, whichever occurs first.

1.6.3 Smoking Policy

In addition to safety regulations, smoking is regulated by Federal regulations and local policy. The Contractor shall follow smoking policies in effect, or implemented, at each performance location.

1.7 QUALITY

1.7.1 QUALITY CONTROL

The contractor is solely responsible for the quality of services provided. The contractor is also liable for contractor employee negligence, and any fraud, waste or abuse.
The contractor's Quality Control Plan shall ensure that products and services are completed in accordance with ANSI/NCSL Z540-1-1994, Part II, applicable Government regulations and instructions, and meet specified acceptable levels of quality, subject to government approval. The operation of the Quality Control Program must be described in a written plan. One copy of the contractor's Quality Control Plan shall be submitted with contractor's technical proposal. *An* updated copy must be provided to the CO as changes occur.

At a minimum, the Contractor's Quality Control plan shall include:

* *An* internal quality control and inspection system for required services. The job titles and organizational positions of the individuals who will conduct the inspections must be specified.

- A method to identify deficiencies in products and services that may occur.

- Procedures to correct any deficiency in products or services that may occur.

- A file of information regarding inspection and other quality and internal control actions that documents the purpose of the inspection, the results of the inspection, and any corrective action taken as a result of the inspection. Upon request, this file shall be made available to the Government during the period of performance.

The plan must be maintained and revised as necessary throughout the life of the contract. In the event of any changes to the Quality Control Plan, a revised copy of the plan must be provided to the CO five working days prior to the effective date of the change.

1.7.2 QUALITY ASSURANCE

The Government will monitor the contractor's performance using quality assurance inspection procedures developed by the COTR. The Government reserves the right to review products and services to be provided, under this contract, including those developed or performed at the contractor's facilities, to determine conformance with performance and technical requirements.

1.8 PERFORMANCE EVALUATION MEETINGS

The Contract Manager and Contractor Quality Control Representative shall meet with the CO and COTR as the need arises during the transition period or as otherwise determined by CO. Meetings shall be held thereafter as determined necessary by the COTR. A meeting may be held upon notification by the CO when a Contract Discrepancy Report (CDR) is issued. Mutual effort will be made to resolve any and all problems identified. The Contract Manager or alternates(s) shall meet as necessary with Government personnel designated by the CO to discuss emergency situations and shall respond within 30 minutes to requests for meetings during normal duty hours. After normal duty hours the manager or designated alternate shall be available within two hours.

1.9 HOURS OF OPERATION

The Contractor shall provide adequate personnel to perform the required services in the PWS in accordance with the timeliness requirements specified section 5.

1.9.1 Normal Work Hours

For contractor personnel, normal scheduled work hours at the required locations are 8 a.m. through 4:30 p.m., Monday through Friday, excluding Federal holidays. However, on occasion work may be required during extended work hours. The Contractor shall provide required services within the time specified in the PWS or work authorizing documents. The contractor's work schedule shall be changed only upon prior written approval of the COR.

1.9.2 Extended Work Hours

The contractor shall on occasion be required to work beyond the normal work hours to perform required tasks and to be responsive to the priorities specified in this PWS (see para 5.2.1.7). The contractor may use designated facilities for performance before or after normal work hours. The Contractor shall provide the COTR with a schedule for recurring requirements for access to Government-furnished space or equipment beyond normal work hours or on weekends. The Contractor must notify the COTR at least 24 hours in advance, when possible, that nonrecurring work will be conducted on Saturday, Sunday, or official Federal holidays.

1.9.3 On-Call Emergency Support

The contractor shall provide on-call emergency support on a 24-hour-a-day, seven days-a-week basis in response to high priority field support or any other emergency situation. The contractor points of contact for these services shall be designated in writing to the COTR at least ten working days prior to the start of the base year performance period. This designation shall include the name and phone number of the primary point of contact and an alternate for emergency repair. The contractor shall respond to any inquiry or problem within two hours of initial contact. The list of points of contact will be updated by the contractor as required.

1.9.4 Federal Holidays

The contractor shall normally not be required to work on holidays, nor on holidays observed in lieu thereof. Following is a list of U.S. Federal holidays:

(1) New Year's Day, January 1;
(2) Martin Luther King's Birthday, the third Monday in January;
(3) President's Day, the third Monday in February;
(4) Memorial Day, the last Monday in May;
(5) Independence Day, July 4;
(6) Labor Day, the first Monday in September;
(7) Columbus Day, the second Monday in October;
(8) Veteran's Day, November 11;
(9) Thanksgiving Day, the fourth Thursday in November;
(10) Christmas Day, December 25.

1.10 CONTINGENCIES

Special situations shall include, but not be limited to, structural fire, accidents, civil disturbances, disaster warnings, acts of God,

national emergencies and international crisis which may require that the contractor operate on an extended basis. The Contractor shall provide these services as requested by the CO.

1.10.1 Contingency Plan

The contractor shall develop and maintain a detailed Contingency Plan to be submitted to the CO for approval 10 working days prior to the start of the base year performance period. The contractor shall be required to update this Contingency Plan annually once contract is awarded. The Contingency Plan shall include the following:

* Contractor's ability to expand the workforce.

* Contractor's ability to work at alternate FAA work sites in the local area.

* Contractor's ability to provide work sites and equipment. (Contractor's lease expenses to be reimbursed by government. Any alternate work site must meet OSHA and environmental requirements.)

1.10.2 Strike Contingency Plan

The contractor shall develop a strike contingency plan to ensure continuity of operations in the event of strike by contractor personnel. Contractor services under strike contingency plan shall be at no additional cost to the Government. The Strike Contingency Plan shall be submitted to the CO for approval 10 working days prior to the start of the base year performance period with the final Quality Control Plan. Any changes to the Strike Contingency Plan shall be provided in writing to the CO within five days prior to the change's effective date.

1.11 ENVIRONMENTAL PROGRAMS

1.11.1 Regulations/Laws.

The contractor shall comply with all Federal, State and local laws and regulations for standards regarding environmental pollution. These documents are specified in TE-8. The contractor shall also comply with all Aeronautical Center policies and procedures relating to environmental compliance, including AC Order 1050.4 Mike Monroney Aeronautical Center Spill Prevention and Response Plan. All environmental protection matters shall be coordinated, through the CO, with the primary on-scene coordinator.

1.11.2 Compliance Requirements

Any of the Government facilities operated by the Contractor may be inspected by the CO or other authorized representatives.

1.11.3 Citations

Citations of Government owned, Contractor operated (GOCO) facilities for noncompliance with environmental standards are a matter for resolution between the FAA and the issuing office of EPA or State of Oklahoma regulatory authorities. Payment of fines or penalty charges associated with citations issued by Federal, State or local officials shall be paid by the Government. If the citations are issued due to faulty operation or maintenance practices by the contractor, the CO shall deduct the fine from any monies due the Contractor.

1.12 ENERGY AND UTILITIES CONSERVATION PROGRAMS

The contractor shall participate in the MMAC energy conservation program. Participation shall include taking actions to minimize energy losses.

1.12.1 Conservation Instruction

The contractor shall comply with published rules and regulations issued by the U.S. Department of Energy, 10 CFR Part 490. The contractor shall instruct personnel in utilities conservation practices, and require them to operate under conditions which preclude waste of Government-furnished utilities. The contractor's instructions and programs shall include, as a minimum, using installed lights only in areas where work is actually being performed and turning off water faucets, valves and equipment after required usage has been accomplished. Additionally, the contractor shall ensure controls for heating, ventilation and air conditioning systems are only adjusted by authorized personnel.

1.13 ACCESS LIMITATIONS

1.13.1 Restricted Areas

The contractor shall comply with restricted area procedures and instructions including proper security clearances. This includes signing in and out after hours at the Headquarters building for access to warehouses/repair shops. Names of personnel requiring frequent access to restricted areas shall be provided to the CO.

1.13.2 "Off Limits" Areas of Facilities

Certain buildings and other facilities are "off limits" to the general public. Contractor personnel shall not enter any "off limits" facilities without specific written permission from the CO.

1.13.3 Interference with Contractor Performance

In the event anyone other than the CO or his/her authorized representative requests the contractor to temporarily cease work in an area, the contractor shall immediately report the instruction to stop work, including the name of the person directing the work stoppage, to the COTR.

1.14 INSPECTION BY REGULATORY AGENCIES

The contractor shall notify the CO by phone immediately upon arrival of any inspection visit by an agent or agents of any regulatory agency. The contractor shall submit a copy of any reports received to the CO within 1 working day.

1.15 SAFETY REQUIREMENTS AND REPORTS

All work shall be conducted in a safe manner and shall comply with:

a. 29 CFR 1910 OSHA Standards (Industrial).
b. 29 CFR 1926 OSHA Standards (Construction).
c. National Fire Protection Association (NFPA) Fire Codes, current volume 1-13 and updates thereto.
d. National Electric Codes current volume (#70 and 70E NFPA).
e. American National Standards Institute (ANSI) Safety Standards (latest versions) as applicable.
f. FAA Order 3900.19B (and updates) Occupational Safety and Health.
g. AC Order 3900.213 (and updates) Occupational Safety.
h. FAA Order 1900.1F (and updates) FAA Emergency Operational Plan.
i. AC Order 1900.12A (and updates) Aeronautical Center Emergency Operations Plan.

If the contractor fails or refuses to comply promptly with safety requirements, the CO may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to any such order shall be made the subject of claim for extension of time or for excess costs or damages to the Government. The contractor shall be responsible for enforcement of all safety requirements by the contractor personnel and his

subcontractors. The contractor shall include a clause in all subcontracts to require subcontractors to comply with the safety provision of this contract, as applicable. The contractor shall immediately secure any accident scene and wreckage until released by the accident investigative authority through the CO. If the Government elects to conduct an investigation of any accident, the contractor shall cooperate fully and assist the Government personnel until the investigation is completed.

Safety and health standards consistent with requirements of the Occupational Safety and Health Act (OSHA) shall be maintained. The Department of Labor (DOL), upon receiving right of entry from the Environmental,Safety & Emergency Management Division, AMP-100, has statutory authority to inspect the place of employment operated by the contractor. Citations against the contractor for noncompliance with OSHA standards are a matter for resolution between the Contractor and DOL unless non-compliance is the result of Government-furnished property or facilities which were in non-compliance when furnished to the Contractor. Resolution of any problems of this sort will be handled by the CO and the contractor. Close liaison shall be established and maintained with Government safety and environmental representatives to ensure that working conditions provide an optimum degree of safety for both contractor and Government personnel. The Government reserves the right to conduct and investigate the mishaps occurring as a result of contractor's operation in which there is damage to Government-furnished items, or injury or occupational illness involving Government personnel. The contractor shall also comply with Environmental Protection Agency criteria.

1.15.1 Accident Reporting

The contractor shall comply with all OSHA requirements for record keeping and reporting of all accidents resulting in death, serious injury, occupational disease, or adverse environmental impact. The contractor shall provide a verbal report to the CO immediately after each such occurrence. A completed typed original accident report plus one copy shall be delivered to the CO within 2 working days of occurrence.

1.16 TRANSITION REQUIREMENTS

This contract contains transition requirements which must be accomplished in accordance with an FAA approved transition plan. The transition plan shall be submitted for FAA approval at time of submission of contractor's Technical Proposal. The purpose of the plan is to assure continued Test Equipment support without interruption. Consequently, it is imperative that transition from incumbent

contractor to full contract performance be accomplished in a well-planned, orderly and efficient manner. The contractor's transition plan shall include a provision for the contractor to receive, during the transition period, all work in process which cannot be completed by the incumbent contractor prior to contract start-up and which cannot be postponed. This action is to enable the contractor to plan, estimate, and obtain the material and personnel resources to perform all work. The contractor shall not assume that incumbent contractor employees will be available to guide, direct, or specifically orient each contractor employee. The contractor shall cooperate with the incumbent during the transition period and shall conform to the transition plan developed by the contractor and approved by the Government. Certain Government staff will be available during this period to provide administrative and technical orientation to contractor personnel, familiarize contractor with required services, and provide other guidance and assistance as mutually determined by the Government and the contractor. Contractor personnel will be required to obtain security badges during the transition period.

1.16.1 Transition Period

The transition period is tentatively scheduled to begin on 16 August 2001, 45 days prior to start of base year period.

1.16.2 Phase-Out

At the conclusion of any performance period, including option periods or extensions, the services provided under this contract may be awarded to another contractor. The incumbent contractor shall be required to assist in transition activities.

1.17 PWS Reference Information

This PWS references many volumes of information. This information is ,to be considered as an appendix to this solicitation. The referenced information consists of several collections of documents which'can be obtained from the COTR, Operational Services Branch, AML-4060. A listing of information sources contained in the PWS reference information is included in TE-8.

2 DEFINITIONS

ADJUST: To mechanically or electrically change within allowable tolerances in order to match, fit or bring into proper relationship.

ADMINISTRATIVE DUTY HOURS: Monday through Friday (except Holidays) from 8:00 A.M. to 4:30 P.M.

ANCILLARY EQUIPMENT: Plug-in units, printed circuit cards, etc. without which the workload item is not complete as required for the assigned NSN.

ASSEMBLY: A functional grouping of subassemblies, circuit card assemblies, or line replaceable units that are wired, plugged, or cabled together to perform a specific subfunction of an end item of equipment such as an ARSR-3 receiver.

ASSET: An item having financial accountability in the inventory record. Can be either on hand or due-in from shops, from facility, on loan or borrowed.

AUXILIARY ITEM: An item without which the basic unit of plant equipment cannot operate.

CALIBRATION: A comparison between two instruments, one of which is a standard of known accuracy, to detect, correlate, adjust and report any variation in the instrument being compared.

CANNIBALIZATION: The removal of a part(s) from one end item in order to fill a parts requirement in another end item. Removal of the part renders the original end item incapable of performing its designed function.

CHECK: To examine, test, or compare with a standard to verify that the unit under surveillance operates within design specifications.

CERTIFICATION: The act of designating that standards and precision measurement equipment have been calibrated and meet established technical requirements.

CIRCUIT CARD ASSEMBLY: A nonferrous card with printed or etched circuits and attached electronic components that reform an electronic function or group of electronic functions.

COMPONENT: A part of an overall equipment or system including minor bits and pieces.

CONTRACT DISCREPANCY REPORT (CDR): A formal, written documentation of Contractor nonconformance'or lack of performance for contracted work.

CONTRACTING OFFICER (CO): The person authorized to act on behalf of the Government to negotiate and award contracts and modifications thereto, and to administer contracts through completion or termination. Except for certain limited authority delegated by the CO to a technical representative, the CO is the only individual with the authority to direct the work of the contractor.

CONTRACTING OFFICER TECHNICAL REPRESENTATIVE (COTR): The authorized Government representative(s) acting within the limits of their delegated authority for management: of specific projects or functional activities.

CONTRACTOR: The term Contractor as used herein refers to both the prime Contractor and any Subcontractors. The prime Contractor shall be responsible for ensuring that Subcontractors comply with the provisions of the contract.

CO-UTILIZED EQUIPMENT: Government owned equipment (GFE) that shall be used jointly by the Government and the Contractor.

DEFECT: Each instance of noncompliance with a contract requirement. A defect may be caused by either nonperformance or poor performance.

DELIVERABLE: Any reports or forms supplied by the Contractor to the Government to perform data required by the PWS.

DEPOT LEVEL OVERHAUL: To restore an item to a completely serviceable condition as prescribed by maintenance serviceability standards.

DESIGNED FUNCTION: The mechanical, electric, electronic, or electro-magnetic capability of an item that corresponds to the current published manufacturer's specifications, engineering drawings, or technical instruction manuals.

EMERGENCY WORK: Work which takes priority over all other work orders and requires immediate action including diverting personnel from other jobs, if necessary, to cover the emergency.

EXPENDABLE PROPERTY: Government property that is consumed in use or loses its identity in use and is dropped from stock record accounts when issued or used.

FACILITY: Any building, plant, installation, structure, location, or site of operations in the performance of a contract or subcontract.

GOVERNMENT-FURNISHED EQUIPMENT (GFE): Government owned equipment (GFE) provided to the Contractor for use in fulfilling the terms of this contract only.

GOVERNMENT-FURNISHED MATERIAL (GFM): All material provided by the Government for the exclusive use of the Contractor in fulfilling the terms of this contract only.

GOVERNMENT-FURNISHED PROPERTY (GFP): All equipment, facilities and material provided by the Government for the exclusive use of the Contractor in fulfilling the terms of this contract only.

GOVERNMENT REPRESENTATIVE: The Contracting Officer (CO), Contracting Officer Representative (COR), Contracting Officer Technical Representative (COTR), and Quality Assurance Evaluator (QAE).

INSPECTION: The comparison of product or service against contract requirement in order to establish conformance or nonconformance with the contract requirements.

MAINTENANCE (GENERAL): The work required to preserve and maintain equipment and material in such condition that it may be effectively used for its designated functional purpose.

MATERIAL: Property that may be incorporated into or attached to a deliverable end item or that may be consumed or expended in performing the contract.

METROLOGY: The science of measurement used to determine conformance to technical requirements. Includes developing standards and systems to be used in making absolute and relative measurements.

MODIFY: To change or alter the original fit, form, or function of an item.

NATIONAL AIRSPACE SYSTEM (NAS): System for modernizing and improving air traffic control and airway facilities services.
PART: A general term meaning any component, minor bit and piece, circuit card assembly, line replaceable unit, subassembly or assembly.

PERFORMANCE DATA RECORD: A record of the minimum performance requirements and the calibration standards used to calibrate and certify a work load item.

PERFORMANCE WORK STATEMENT (PWS): A document that describes the requirements, material, or services, including the performance standards for contractible services.

PERSONAL PROPERTY: Property of any kind except real property or records of the Federal Government.

PRECISION MEASUREMENT EQUIPMENT: Test and measurement equipment used to measure, calibrate, gauge, test, inspect, diagnose, or otherwise examine material, supplies, and equipment to determine whether they comply with technical documents, such as engineering drawings, technical orders, or military standards and specifications.

PROCUREMENT REQUEST (PR): A document required to initiate the procurement process.

QUALITY ASSURANCE (QA): A method used by the Government to check goods or services to determine whether or not they meet the requirements of the contract.

QUALITY ASSURANCE SURVEILLANCE PLAN (QASP): A written plan that details what is to be evaluated, how evaluations are to be accomplished, frequency of evaluations, and evaluation parameters.

QUALITY CONTROL PROGRAM (QCP): Contractor's system to control the equipment, systems, or services to assure that requirements of the contract are performed.

REPAIR (GENERAL): The restoration of an item to its original fit, form, and function so that it may be efficiently used for its designed purpose. Work includes replacement of defective or worn components, replacement of broken appendages, resoldering, etc.

REPAIRABLE UNIT: An item which, when becoming unserviceable, is usually repaired for re-use. Includes Exchange and Repair, Repair and Return and In-use equipment items, etc.
REPARABLE: See "repairable unit".

RESIDENT ALIEN: An individual admitted by the U.S. Immigration and Naturalization Service (INS) for permanent residence, and who holds INS Form I-151 or INS Form I-551 (green card).

RESPONSE: As used in relation to on-call maintenance which means the Contractor's workforce is at the work site ready to commence required work.

SCHEDULED WORK: That work which is identified as controlled by the Contractor on a routine daily basis without direction from the CO.

SERVICEABLE ITEM: An item which has been repaired and/or calibrated and certified to be free of defects or malfunctions, and is mission capable.

SHOP STOCK: Parts consumed in daily operation and maintenance work, that are kept in the various maintenance shops.

SPECIAL TEST EQUIPMENT: Either single or multipurpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in performing a contract.

STANDARD: An acknowledged measure of comparison.

STANDARD OF PERFORMANCE: The minimum value or measure of a performance indicator.

SUBASSEMBLY: A functional grouping of circuit card assemblies and/or line replaceable units together with a mounting circuit board (mother board or back plane) and mounting hardware such as drawers, boxes, etc.

SURVEILLANCE: Planned or random observations of the timeliness, accuracy, completeness and/or quality of services performed.

SURVEY: An item that is either no longer used in the NAS system or is beyond feasible or cost effective repair and as such made available for disposal.

TECHNICAL EXHIBIT (TE): A document furnished as an aid to further define elements of the PWS.

TEST: An operation under fixed conditions compares actual performance to design standards and issued to verify serviceability and to detect malfunction or failure by use of test equipment or other methods.

TURN AROUND TIME: Turn around time shall start as "Day Zero" when the Contractor receipts the Government for the workload item to be serviced. The turn around time is concluded upon Contractor getting receipt from the Government scheduler indicating that the total contract services have been completed.

WORKAROUND: An alternate method or approach to accomplishing work when the primary method or approach is temporarily suspended due to an identified hazard which precludes or limits the normal work process from occurring.

WORK ORDER: Document authorizing, directing or requesting maintenance, repair, modification, fabrication or engineering services. May include a single process, a group of processes, a single item, a group of items, or any combination thereof.

C-3 GOVERNMENT-FURNISHED PROPERTY AND SERVICES

The Government will provide without cost to the contractor the property and services indicated below. The Government-furnished property (GFP) and services provided as part of this contract shall be used by the contractor only to perform under the terms of this contract.

3.1 EQUIPMENT AND INSTALLED PROPERTY

The Government will provide the equipment and installed property/facilities identified in Technical Exhibits 4 and 6. Specifications for Installed Property/Equipment are provided in the PWS reference information. The GFE shall not be removed from the MMAC without prior written consent from the CO. GFE shall be managed and accounted for in accordance with the Government property clause of this contract.

3.2 FACILITIES

The Government will furnish the facilities shown in TE-6. There will be joint use of facilities by both Government and Contractor personnel. The Government will provide maintenance on Government-furnished facilities. No alteration to the facilities shall be made by the contractor without specific written permission from the CO. Maps and work area drawings are provided in TE-6 of this PWS.

Facilities have been inspected for compliance with the Occupational Safety and Health Act (OSHA). No hazards have been identified for which workarounds have been established. The Government corrects OSHA hazards in accordance with centerwide Government developed and approved plans of abatement taking into account safety and health priorities. A higher priority for correction will not be assigned to the facilities provided hereunder merely because of this contracting initiative. The fact that no such conditions have been identified does not warrant or guarantee that no possible hazard exists, or that workaround procedures will not be necessary or that the facilities as furnished will be adequate to meet the responsibilities of the Contractor. Compliance with the Occupational Safety and Health Act and other applicable laws and regulations for the protection of employees is exclusively the obligation of the Contractor, and the Government will assume no liability or responsibility for the

contractor's compliance or noncompliance with such responsibilities, with the exception of the aforementioned responsibility to make corrections in accordance with approved plans of abatement subject to centerwide priorities.
Prior to any modification of the facilities performed by the contractor, the contractor must notify the CO and provide documentation describing in detail the modification requested. No alterations to the facilities shall be made without specific written permission from the CO; however, in the case of alterations necessary for OSHA compliance, such permission shall not be unreasonably withheld.

3.3 GOVERNMENT-FURNISHED MATERIAL (SHOP STOCK)

The Government provided an initial inventory of material (approximate 30 day stock level) to perform the work identified in this PWS during the first contract in January **1992.** These materials which are located in the Test Equipment workcenter, shall be jointly inventoried at the start of the transition period by the contractor and Government representative. The resulting inventory shall ensure that the incumbent contractor provides an adequate 30 day level of materials at the end of the performance period to be provided as GFM to successor contractor. The contractor is responsible for maintaining an adequate 30 day level of shop stock at his expense, to preclude unnecessary delays in the repair of Test Equipment assets. The Government's annual usage of material based on workload for **2000** is shown in TE-3.

3.4 OTHER DOCUMENTS AND FORMS

Government forms, regulations, and directives will be furnished by the Government, except as indicated in section 6. Initial supplies of these items will be available at the start of the transition period. The contractor shall establish requirements for subsequent needs, prepare requisitions for such requirements and submit them to the COTR.

3.5 ACCOUNTABILITY FOR GOVERNMENT-FURNISHED PROPERTY

The following paragraphs apply in total to Government-furnished property intended for use by the contractor. The Government reserves the right of access to the Government-furnished property. Contractor liability for joint use property will be restricted to validated damage, theft, or negligence attributed to action or nonaction of the contractor.

3.5.1 Property Control Procedures

The contractor shall conform to the requirements of the Acquisition Management System (AMS) 3.10.3 concerning management of Government-furnished property. The contractor is directly responsible and accountable for all Government property in his possession during performance of this contract. Adequate property control records must be maintained by the contractor's property control manager. The contractor shall prepare and submit draft property control procedures to the COR within 30 days after award of the contract. These procedures must be approved by the COR pursuant to the terms of the contract.

3.5.2 Initial Government-Furnished Property Inventory

During the transition period, the contractor and the COTR (or their designees) shall conduct a joint inventory for Government-furnished property discussed in TE-4. The contractor shall provide a receipt for property provided by the Government. The contractor and a Government representative shall jointly determine the working order and condition of the equipment. Items of property missing or not in working order shall be reported to the COTR within 10 days of completion of the initial inventory. The Government will replace or repair any missing or defective Government-furnished property necessary for accomplishment of work discussed in this PWS. The CO (or designee) will provide disposition instructions for items beyond repair. The contractor and the COTR (or their designees) shall certify their agreement on working order and discrepancies in a written report to the CO. If the contractor does not participate in the inventory, the contractor must accept, as accurate, the listing and stated condition of equipment provided by the Government. If an irreparable item is to be returned to FAA, the contractor shall complete AC Form 4620-4, Part 4, Summary of Teardown Inspection/Repair Action, which will accompany the irreparable Government-furnished item.

3.5.3 GFE Warranties

The COTR will provide the contractor all existing manufacturer's warranties on GFE at the start of the transition period. The contractor shall exercise these manufacturer's commercial warranties on GFE. The contractor shall report to the CO any difficulty in exercising manufacturer warranties and request assistance as necessary. The contractor shall provide to the CO the original warranties on new equipment received or installed. These warranties shall be made out to the Government. Government equipment installed by the contractor that fails within a warranty period due to

contractor's poor workmanship, or by not following manufacturer's installation, operation, or maintenance instructions, shall be replaced or repaired at the Contractor's expense. This determination will be made by the CO.

3.5.4 Annual Inventory

The contractor shall inventory all material and equipment, identified in TE-4 at least once each year during the third quarter of the fiscal year. Since the FAA Property Administrator will normally participate in the inventories, the contractor shall coordinate with the FAA Property Administrator before taking an inventory. Throughout the performance period, the contractor shall ensure that the equipment inventory listing for the FAA approved system is current, complete and accurate.

3.5.5 Phase-Out Inventory of Government-Furnished Property

At completion of the performance period, a joint inventory of property shall be conducted by the contractor and the CO (or their designees). The contractor shall be liable for loss or damage to Government-furnished property beyond fair wear and tear in accordance with the clause of the contract, "Government -Furnished Property". Compensation for replacement of lost property or property damaged beyond fair wear and tear shall be affected either by withholding amounts owed to the contractor or by direct payment by the contractor; the method of compensation will be determined by the CO. In the case of damaged property, the amount of compensation due the Government by the contractor shall be the actual cost of repair, provided such amount does not exceed the replacement cost of equipment. For items lost or damaged beyond economical repair, the amount of the contractor's liability shall be the depreciated replacement value of the item. Determinations of economical repair and replacement values shall be provided by the CO. Any failure of the contractor to agree with such determination shall be treated as a dispute over a question of fact pursuant to the clause of this solicitation entitled "Disputes". All Government-furnished equipment shall be returned to the Government in the same working condition as received, including current calibrations on all Government-furnished test equipment.

3.5.6 Disposition of Property

When property is determined, by joint agreement between the contractor and the CO to be beyond economical repair or becomes obsolete, the property will be returned to the Government in its entirety. Upon completion of the performance period, remaining Government property shall be returned to the Government.

3.5.7 Obtaining Additional Government-Furnished Equipment

The contractor shall submit requests for additional Government-furnished equipment required in the performance of this contract, with adequate justification to the COTR. The COTR in consultation with the contractor, shall determine the legitimacy of the request. The contractor shall be responsible for meeting the requirements of the PWS even if additional GFE is not provided.

3.5.8 Equipment Repair

The contractor shall be liable for loss or damage to Government-furnished equipment beyond fair wear and tear in accordance with the terms of the contract. The Government will provide routine maintenance and repair of Government-furnished administrative office equipment; i.e., PCs, office furniture, typewriters, copiers, etc. The contractor shall perform routine calibration, maintenance, repair, and modification on all other Government-furnished property at no additional cost. All equipment in need of calibration/repair/maintenance shall be calibrated/repaired/ maintained by the contractor within 30 days of discovery, but before the annual inventory is conducted. All calibrations/repairs/maintenance not performed by the contractor which are determined necessary by the Government shall be accomplished by the Government at contractor expense. In the case of damaged property, the amount of compensation due the Government by the contractor shall be the actual cost of repair. Failure of the parties to agree on repair costs shall be treated as a dispute under the "Disputes" clause of the contract.

3.5.9 End Items Beyond Economical Repair

"Economically Repairable End Items" are defined as end items which can be restored to a serviceable condition in accordance with the applicable requirements when costs of repair will not exceed *75%* of the current replacement cost. Whenever the contractor estimates that the total cost of parts for any item of GFE will exceed *75%* of the current replacement cost of the asset, the contractor shall, in writing, promptly notify the COR to that effect and shall not perform further repair until verified "beyond economical repair" by the COR. The COR will provide disposition instructions.

3.5.10 Replacement of Equipment

The Government will replace, as required, the equipment listed in TE-4. However, the Government is required to replace such equipment only

when due to fair wear and tear, and no longer usable for its intended purpose. Equipment is determined no longer usable when the repair cost of equipment is greater than or equal to 75% of the current replacement price. The contractor shall submit requests for replacement of GFE required in the performance of the contract to the COR.

3.5.11 Unused Government-Furnished Equipment

The Contractor and the COTR shall jointly inventory all GFE 120 days after the start of the base year performance period to identify all GFE not required for performance of the contract. The Contractor shall release all unused GFE identified to the CO.

3.5.12 Applicable Manufacturer's Literature

Equipment operating and maintenance manuals and supplier's catalogs presently available will be turned over to the contractor at the start of the transition period. A complete spreadsheet listing of all operator/maintenance manuals will be turned over to the contractor at the start of transition period at which time a joint inventory shall be taken. The contractor shall be responsible for updating this listing as required in same or compatible format. The contractor shall be responsible for the upkeep of all manuals and will be required to replace those damaged due to negligence. The FAA will provide new manuals as needed. *An* inventory of suppliers' catalogs will not be taken since the catalogs are a disposable item and become obsolete. The contractor shall be responsible for obtaining and updating catalogs as new issues are published by suppliers.

The contractor shall maintain an up-to-date supplier catalog file of pertinent supplies and components for Government-furnished equipment maintained under the contract. These documents shall become the property of the Government at the expiration or termination of the contract.

3.5.13 Damage Reports

In all instances where Government property or equipment are damaged by contractor's employees, the Contractor shall provide a verbal report to the CO within 4 hours of occurrence. A complete typed original plus one copy of the report shall be delivered to the CO within 24 hours of occurrence, explaining the circumstances of the accident and the extent of damage. Liability for loss or damage and cost for repair or replacement of Government property, shall be governed by the Government-furnished property clauses specified in the contract.

3.6 SERVICES.

The Government will furnish the following services at no cost to the Contractor except as otherwise stated.

3.6.1 'Utilities

Utilities (electricity, water, sewer & heat) shall be furnished to the Contractor without charge from existing outlets and supplies.

3.6.2 Custodial

Custodial services shall be provided to maintain and clean the common areas only.

3.6.3 Copier Equipment and Supplies

The Government will provide access to copier equipment and supplies for PWS related Government business only.

3.6.4 Postal

The contractor is responsible for obtaining a post office box for incoming mail at the MMAC Post Office. In the event the MMAC Post Office is unable to provide this service, it is the contractor's responsibility to obtain a post office box at another USPS location. The contractor shall be responsible for all mail pick up and delivery.

3.6.5 Telephone Services

The Government will provide existing local and Federal Telecommunications System (FTS) telephone service and telephone equipment to contractor personnel. The contractor shall use Government provided telephone service only for official business. The Government telephone service shall not be used for personal or other business not related to this contract. Contractor personnel shall not relocate government-furnished telephone equipment or in any way tamper with the telephone distribution systems. The contractor shall notify the COTR when relocation, maintenance, or repair of telephones is required.

3.6.6 Real Property Maintenance

The Government will provide maintenance and repair of real property facilities.

3.6.7 Center Civil Engineering

The Government will provide fire prevention and protection, inspection and maintenance of Government-furnished fire extinguishers and systems, pest control, and grounds maintenance.

3.6.8 Security Services

The Government will provide general on/Center Security service. Security phone extension is 911 or 954-2444 for emergencies, and 954-3212 for routine calls.

C-4 CONTRACTOR FURNISHED PROPERTY

The Contractor shall furnish the property necessary to perform the services required under this contract not specifically supplied by the Government in Section 3.

4.1 PROPERTY

Contractor furnished vehicles and equipment shall be identified as contractor property. All contractor furnished vehicles and equipment shall be in an operable condition and meet all local, State, and Federal safety requirements, and requirements of 40 CFR 243. Vehicles and equipment identified as not meeting the above safety requirements, by inspection by the COTR, shall be removed from service within 1 hour of notification and repaired or replaced at contractor's expense. Except for minor on site repairs, the contractor shall remove from MMAC, within 24 hours, any vehicle which becomes inoperative or which breaks down during operation.

4.2 -ADMINISTRATIVE SUPPLIES

The Contractor shall provide all day to day administrative supplies i.e., pens, paper, folder, binders, etc., required for compliance with the requirements of this contract.

4.3 TOOLS

The contractor shall provide all necessary handtools to perform maintenance, repair, modification, calibration, etc. required for compliance with the requirements of this contract.

4.4 TEST EQUIPMENT

Any test equipment the contractor provides to supplement the GFE shall be that which is recognized as standard in the trade. The contractor

equipment used shall be calibrated and certified IAW criteria established in ANSI/NCSL Z540-1-1994. The contractor shall furnish to the CO two weeks after equipment is acquired, a list of all test equipment and a proper certification that all test equipment has been calibrated. This contractor furnished equipment shall not be used for calibrations or certifications without the approval of the COTE.

4.5 FUELS

The Contractor shall be responsible for furnishing vehicle and equipment fuels for Contractor owned vehicles and equipment.

4.6 MATERIAL AND PIECE PARTS

The contractor shall ensure that the Government Furnished material (GFM) specified in section 3.3 is maintained at a 30 day level of supply at all times. The material and piece parts requirements will change with ongoing upgrade of FAA Test Equipment. The contractor shall continually assess the types and models of assets maintained in order to properly adjust requirements for performance of the PWS. This 30 day level of supply shall become the property of the Government at the end of the performance period to provide continuous performance of either government or successive contractor service.

4.7 PERMITS

The contractor shall, at no additional cost to the Government, obtain all appointments, licenses and permits required for performance of work and for complying with all applicable Federal, State and local laws. Permits and licenses shall be obtained prior to start of base year and kept current throughout the contract period.

4.8 CUSTODIAL SERVICES

The contractor shall be responsible for custodial services in areas occupied. The contractor shall dust, sweep, mop and empty trash cans as needed to maintain a neat, clean and safe working environment. The contractor shall ensure that a work area is maintained in safe condition during work activities at locations other than the facilities listed in TE-6. The contractor shall ensure upon completion of the work that the work area is left in a condition of cleanliness and safety. This shall be the same condition or an improvement of the work area condition prior to the commencement of the work.

C-5 SPECIFIC TASKS

5.1 GENERAL

The Test Equipment Activity shall operate in accordance with the guidelines of ANSI/NCSL 2540-1-1994 and other applicable approved standards. The Test Equipment Classiification for Bid exhibit, TE-1; Workload Projections, TE-2; Parts Utilized, TE-3; and ER Repair Quantities, TE-5 provides the estimated workload and additional clarifying information. The Classification for Bid exhibit contains information on the classes of assets repaired in FY-00. All exhibits are designed to give the prospective contractor a historical basis of information only and should be understood that future equipment requirements will change. The tasks in this section apply to all services required under this contract. Test Equipment Repair and Calibration Services specific tasks are defined in section 5.2. These services shall be performed in accordance with all laws, standards, DOT and FAA instructions as specified herein and referenced in section 6 and TE-8.

5.1.1 Work Management

The contractor shall plan, program, coordinate, estimate, schedule, evaluate resources and execute work assignments. Work management shall include maintaining a suspense system with appropriate registers, files, routing and distributing reports as specified herein.

5.1.2 Budget Preparation

The contractor shall participate in the preparation/ development of budget requirements for new or replacement GFE in accordance with AMC direction. Preparation shall result in a recommended budget document that is provided to the COTR for coordination and approval. The Contractor shall provide follow-up services to respond to comments and questions concerning the recommended budget documents.

5.1.3 Records and Filing Systems.

5.1.3.1 Records

Complete and accurate operating, maintenance and repair records shall be maintained by the contractor as required by this PWS. The records shall be retained until completion of the contract. Upon contract completion, the Government will direct the contractor as to which records shall be turned over to the Government and which records may

be destroyed. All records are subject to Government review at any time.

5.1.3.2 Filing System-Work Orders

The contractor shall maintain files at MMAC for each individual work order, AC Form 6000-11. These files shall be maintained in numerical sequence by individual work order number, identified in block 2 of AC Form 6000-11. One legible copy of each work order shall be submitted to the COTR upon completion of work along with a Failure & Repair History, form AC 6040-51. Individual files shall contain copies of any material receipts, delivery orders, sales slips, invoices, etc., relating to the work order. The contractor shall provide the Government access to contractor maintained files during the term of the contract. All individual or project work files are the property of the Government and shall be turned over to the Government upon completion or termination of the contract.

5.1.4 Reports

The contractor shall furnish to the Government all reports and/or forms necessary to perform the data described herein and listed in TE-7. Any mandatory or requested reports shall be submitted in a data base or spreadsheet format compatible with Government software. Unless otherwise specified, 2 copies of each deliverable shall be provided to the CO.

5.2 TEST EQUIPMENT REPAIR AND CALIBRATION SERVICES

5.2.1 Calibration and Repair Criteria

5.2.1.1 Calibration and Certification

The contractor shall perform all required calibrations and certifications within the guidelines of ANSI/NCSL 2540-1-1994, and production orders AC Form 6000-11, provided by the Product Services Division's Operational Services Branch, Test Equipment Office, AML-4060 through the COTR.

5.2.1.1.1 Primary Standards

The contractor shall have all primary standards calibrated and certified by a higher echelon laboratory such as the National Institute of Standards and Technology (NIST). The contractor shall be responsible for all costs including handling, transportation, and fees. These standards shall be certified at or before the accepted minimum intervals specified by original manufacturer. (See TE-4).

5.2.1.1.2 Working Standards

The contractor shall calibrate and certify all working standards under the guidelines of FAA Order 6200.4F. (See TE-4).

5.2.1.1.3 Calibration Certificates

The contractor shall retain calibration certificates showing NIST traceability on all standards in accordance with FAA Order 6200.4F.

5.2.1.1.4 Environmental Control

The contractor shall monitor and maintain records of environmental conditions within the PMEL in accordance with ANSI/NCSL Z540-1-1994.

5.2.1.2 Repair

The contractor shall inspect, troubleshoot, clean, repair and replace individual components of assemblies and subassemblies, including CCAs. The contractor shall repair/replace, as normal FAALC Depot Level Maintenance, broken handles, bent frames, cracked cases, broken switches, damaged front and rear panels, defective/ dirty filters, power cables, and replace miscellaneous missing/ defective parts, etc. Each item shall be calibrated and certified in accordance with FAA Order 6200.4f after completion of all repairs and modifications. Reference : FAAD-STD-1003d and FAAD-STD-1294c.

5.2.1.2.1 Replacement Parts/Components

The contractor shall use exact replacement parts/components as specified by the workload item manufacturer. Replacement parts/components having equal or better tolerances and parameters or used parts may be used only on an exception basis with written approval of the COTR.

5.2.1.2.2 Missing Instructions

The Contractor shall restore or replace damaged, illegible, or missing instructions on workload items.

5.2.1.2.3 Beyond Economical Repair

The contractor shall advise the COTR when a workload item is considered to be beyond economical repair. A workload item shall be considered beyond economical repair if the cost of required parts and materiels exceeds 75% of the cost of replacement for the workload

item. The Contractor shall provide the COTR with a list of required parts, vendor's prices, and vendor phone number for confirmation purposes. The end item shall be considered beyond economical repair based upon the COTR's findings.

5.2.1.2.4 Cannibalization

Cannibalization will not be performed on any item without the prior approval of the COTR.

5.2.1.3 Modifications

The contractor shall perform FAA directed equipment modifications on workload items as specified in the FAA Equipment Modifications Handbook when directed by the COTR. Modification kits over $100.00 will be provided by the Government.

All other modification kits/parts replacement kits intended for equipment repair or upgrade which are deemed necessary by the manufacturer for repair are the sole responsibility of the contractor. (see TE-3)

5.2.1.4 Cleaning

The contractor shall clean the workload items in accordance with FAAD-STD-1328D, paragraph 3.1 and FAAD-STD-1003, paragraph 3.2.2.

5.2.1.5 Sorting

The contractor shall perform visual inspections on all in-processed items to ensure proper identification in accordance with specific instructions on AC Form 6000-11 for proper part numbers, options, etc. and separate workload items accordingly.

5.2.1.6 Test for Serviceability

The contractor shall perform the specific tests attached to the AC Form 6000-11 and report results of these tests to the COTR.

5.2.1.7 Workload Priorities/Turn Around Times

The contractor shall meet the specified turn around times (TAT) in calendar days for each assigned workorder priority on all workload items. Turn-around times are measured from the time the contractor acknowledges receipt of an item by signing and dating the applicable workorder document until completion when the workorder document is submitted to the COTR for completion acknowledgement. The COTR may

change the priority status of any workload item at any time to meet mission requirements.

| See TE 2-1 for percentages of priority workload for FY-00|

a. P1 (3 days): The contractor shall start work immediately upon receipt of asset and PC Form 6000-11 and continue work until completion. P1's may require interruption of lower priority workload and additional emphasis beyond the normal shift schedule. All P1's shall be given the utmost urgency and completed no later than 3 calendar days from issuance.

b. P2 (5 days): The contractor shall start work upon receipt of asset and AC Form 6000-11. P2's may require interruption of lower priority workload. All P2's shall be given an urgency just below that of P1 and completed no later than 5 calendar days from issuance.

c. P3 (10 days): The contractor shall start work upon receipt of asset and AC Form 6000-11. P3's may require interruption of lower priority workload. All P3's shall be given an urgency just below that of P2 and completed no later than 10 calendar days from issuance.

e. P4 (due date): The contractor shall start work upon receipt of asset and AC Form 6000-11. The COTR will assign a due date of 2 days prior to the date due to the field facility in order to allow for packing and shipping times. P4's may require interruption of lower priority workload. All P4's shall be given appropriate urgency based upon the due date.

f. P5 (30 days): The contractor shall start work within a time frame to allow for completion no later than 30 calendar days from receipt of asset and AC Form 6000-11. P5's will be issued to fulfill routine field requirements and normal warehouse stock replenishment.

The contractor shall work in close coordination with the FAA in order to maintain sufficient rotable serviceable stock levels as designated by the COTR. Maintaining serviceable stock levels will help to minimize priority workload assigned to the contractor.

No blanket exemptions will be given for items exceeding their specified turn-around times due to an awaiting parts status or awaiting repair by a subcontractor. Excusable delays, as defined in the Default Clause, should be presented in writing to the COTR, with a copy to the CO.

Any TAT exceeded by the contractor shall continue to be worked ahead of other assigned work within the same priority level. If the contractor fails to complete an item within the designated TAT, the contractor shall grant a credit to the Government for days in excess of the specified TAT.

5.2.1.7.1 Credit

The amount of creditable days shall be applied individually to each separate workorder exceeding its specified TAT. The amount of credit for each day in excess of the specified turn-around time shall be calculated based on the calibration or repair price as follows:

P1 - calculated at a 10% credit per day, up to a maximum of 2 days or 20% credit.

P2 - calculated at a 6.66% credit per day, up to a maximum of 3 days or 20% credit.

P3 - calculated at a 5% credit per day, up to a maximum of 4 days or 20% credit.

P4 - the credit applied shall be based on the specified due date of the workorder. When the due date falls within the range of other listed priority time frames, the specified credit percentage shall apply. For example: if a P4 has a due date which requires the workorder to be accomplished within 8 calendar days, the credit to be applied if the TAT is not met would fall within the time frame for a P3.

P5 - calculated at a 2% credit per day, up to a maximum of 10 days or 20% credit.

5.2.1.8 Repair/Calibration Warranties

The contractor shall ensure quality in the services performed by providing warranties for specified programs listed below:

a. IP/IE The contractor shall provide a 15 calendar day warranty period from completion date. This period of time allows for users to fully operate and utilize subject equipment to determine functionality of all internal circuitry.

b. SS/RR The contractor shall provide a 30 calendar day warranty period from completion date. This period of time allows for packing and shipping times and for field users to

fully operate and utilize subject equipment to determine functionality of all internal circuitry.

c. FR The contractor shall provide a **90** calendar day warranty period from completion date. This period of time allows for warehouse storage, packing and shipping times, and for field users to fully operate and utilize subject equipment to determine functionality of all internal circuitry.

The COTR shall return failed equipment to the contractor's quality representative for a joint FAA/Contractor inspection. The COTR will determine if the failed item was due to any contractor oversight/negligence. Any returned asset which the COTR determines to be the contractor's responsibility shall be reworked by the contractor at no additional cost to the Government.

5.2.2 OTHER TASKS

5.2.2.1 Test Equipment Technical References

The contractor shall maintain a file of current references consisting of Performance Data Records (PDRs), technical/service manuals, modification records and safety notices in accordance with paragraphs 3.5.12 and **5.1.3.**

5.2.2.2 Contractor Developed Procedures

The contractor shall develop manual and automated test procedures as required, and submit all technical data and software to the COTR for approval before use. All contractor developed procedures shall become the property of the Government and all rights thereof, at contract expiration.

5.2.2.3 Delivery of Scheduled Work

The Test Equipment Production Controller through coordination with the COTR will schedule all work for delivery to the contractor's designated receiving point. The contractor shall take physical custody of all workload items arriving at the designated receiving point. The contractor shall acknowledge receipt of the workload item by signing, dating, and returning copy 3 of AC Form **6000-11** to the Production Controller within four hours of delivery.

5.2.2.4 Workload Item Receiving

The contractor shall unload, uncrate and unpackage workload items and store all serviceable shipping containers in a location designated by the COTR. The contractor shall use all serviceable shipping containers when available for repackaging completed workload items.

5.2.2.5 Identification of Workload Items

The contractor shall fill out AC Form 4630-30, Nonconforming Product tag for each item received which is misidentified. The contractor shall provide complete and accurate descriptions of workload items utilizing this form to the COTR AML-4060.

5.2.2.6 Ancillary Equipment

The contractor shall advise the COTR in the event workload items are received without necessary ancillary equipment which would preclude the contractor from performing the assigned task. The contractor shall not take further action on these workload items until the ancillary equipment is received or disposition instructions are received from the COTR.

5.2.2.7 Manufacturers Warranties

The contractor shall be responsible for returning to manufacturers all equipment requiring repair under manufacturers warranty. The contractor shall be responsible for all transportation fees. Warrantied items may be assigned to any workload program identified in para 5.2.3.5. (see TE 2-1)

5.2.2.8 Subcontracting

The contractor shall be responsible for the maintenance and repair of all test equipment assets assigned to the contractor. In the event an item assigned is beyond the capability of the contractor due to its proprietary nature or lack of specific standard, the contractor shall be responsible for returning the item to the manufacturer or certified lab having the capability to perform repair as appropriate. The contractor shall be responsible for all costs including handling, transportation, and repair and calibration fees. (see TE 2-1)

5.2.2.9 Workload Item Control

During the transition period the contractor shall develop an internal tracking system for all workload items under contractor control. The

contractor shall maintain the tracking system throughout the life of the contract.

5.2.3 Documentation

The contractor shall complete and attach all required documentation, labels, and seals to completed workload items.

a. The contractor shall, on completed workload items coded IP (Logistics Support Facility "in use" Test Equipment-Calibration), complete and/or attach all seals, informational/warning labels and forms. (AC Form 4510-1 or AC Form 4510-2, AC Form 4510-3, Performance Data Record (PDR) as required, and AC Form 6000-11).

b. The contractor shall, on completed workload items coded SS (Supply and Support), attach all seals, informational/ warning labels and forms as instructed by the COTR.

c. The contractor shall on completed workload items coded ER (Exchange and Repair), attach all seals, informational/ warning labels and forms. (AC Form 6040-51, AC Form 4510-1, or AC Form 4510-2, AC Form 4510-3, PDR, AC Form 6000-11).

d. The contractor shall, on completed workload items coded R&R (Repair & Return), attach all seals, informational/warning labels and forms. (AC Form 6040-51, AC Form 4510-1 or AC Form 4510-2, AC Form 4510-3, PDR, AC Form 6000-11).

e. The contractor shall, on completed workload items coded IE (Logistics Center "in use" Test Equipment Repair-Calibration), attach all seals, informational/warning labels and forms. (AC Form 6040-51, AC Form 4510-1 or AC Form 4510-2, AC Form 4510-3, PDRs as required, AC Form 6000-11).

5.2.3.1 Calibration Recall System

At start of base year period, the Government will provide Metrak Software for tracking FAALC in-use, IP Program test equipment and contractor assigned shop standards requiring calibration/ certification iaw AC Order 6400.4F. The Government will provide updates (additions, deletions, and changes) as they occur. The contractor shall, upon completion or termination of the contract, ensure the Metrak System is current prior to turn over to the Government or subsequent contractor.

5.2.3.2 Calibration Recall Delinquency Report

The contractor shall provide a Metrak generated report to the COTR listing all items within the calibration recall system that are more than 30 calendar days past due calibration. The format will be determined by the COTR.

5.2.3.3 Disposition Of Failed Equipment Due Calibration

The contractor shall advise the Operational Services Branch Test Equipment Office, AML-4060, of any IP and SS workload items received that fail calibration. Under these circumstances, the Production Controller will convert IP tasks to IE and SS tasks will be returned to reparable stock as ER. For IE, the contractor will be reimbursed for the repair action only. For the SS, the contractor will receive an equitable hourly rate.

5.2.3.4 Condition Tags

The contractor shall attach a condition tag on all items returned to the Government. In addition, any incomplete items returned shall include a list of missing parts on the reverse side of the condition tag. (See TE-7b).

5.2.3.5 Workload Programs

The contractor will be able to identify all workload items to the following programs as annotated in block 1 "code" of the Production Order, AC Form 6000-11, or other form(s) as specified accompanying the workload item:

a. IP: In-use Calibration Program; Test Equipment at the MMAC subject to recall for calibration. The contractor shall clean, calibrate, certify, and provide forward and reverse traceability on all IP program workload items and maintain serial number control. (See TE-2)

b. SS: Supply Support; Special tasks which may include calibration, certification, inspection, modification, sorting, warranty returns to manufacturers, test for serviceability, and evaluation of equipment considered for acquisition. The contractor shall perform the tasks described on the AC Form 6000-11 or FAA Form 4250-4 Shipping Order in performance of the SS Program. (See TE-2). NOTE: The specific SS task assigned shall determine payment to contractor, ie. calibration, repair, modification (repair).

c. ER: Exchange and Repair; the exchange of a serviceable item for an unserviceable like item. The contractor shall clean, repair, modify as required and calibrate/certify workload items in the performance of the ER Program. (See TE-2).

d. RR: Repair and Return; unserviceable item returned to the FAALC for repair and subsequent return to using facility. The contractor shall clean, repair, modify as required and calibrate/certify workload items in the performance of the RR Program and maintain serial number control of these items. (See TE-2).

e. IE: In-use Repair Equipment; Test Equipment at the MMAC which requires repair. The contractor shall clean, repair, modify as required and calibrate/certify workload items in the performance of the IE Program and maintain serial number control of these items. (See TE-2).

5.2.3.6 Workload Item Completion

The Contractor shall deliver completed workload items to a distribution point designated by the COTR. The contractor shall provide copy 1 of the Production Order, AC Form 6000-11, and Failure/Repair History Form AC 6040-51, to COTR for signature, when workload item is at the distribution point.

5.2.3.7 Delinquent Completions

The Contractor shall report any workload item not completed within turn-around time as listed in paragraph 5.2.1.7 to the COTR with written justification. The Contractor shall provide this report immediately on Pls, and by the start of the next duty day on all other workload items.

C-6 APPLICABLE DOCUMENTS

The Government will furnish, or make available for use, all FAA/AC Orders and Standards listed in TE-8. These reference materials are located in the Program Management, Planning and Scheduling Branch, AML-410, Logistics Center Warehouse, area B. Obtaining CFRs, NFPA, and ANSI standards shall be the responsibility of the Contractor. All referenced Federal Laws, codes, directives and instructions in force at time of solicitation, unless coded otherwise shall be considered mandatory. All other publications, documents, etc. reflected in TE-8 are applicable as coded.

6.1 General

The contractor is obligated to follow and adhere to those documents coded mandatory. Specific paragraphs will be referenced in instances where only a portion of the document is mandatory. Supplements or amendments to mandatory publications shall be considered to be in full force and effective upon receipt by the Contractor, except when such supplement or amendment is deemed to cause a change in cost of contract performance. In such event, the contractor shall inform the CO, in writing, prior to implementation of such supplement or change.

6.2 Mandatory Directives

Mandatory directives are considered those regulations that are required to perform the required PWS services under normal situations. The directives are mandatory in their entirety unless otherwise specified in Sections C-1 and C-5. The Government will provide notification of all supplements, revisions or amendments to mandatory directives as they occur or are needed. The Contractor shall maintain up-to-date files of mandatory directives.

6.2.1 Directive Revisions

All revisions to mandatory directivess, as determined jointly by the CO and the Contractor, shall be implemented within five (5) working days of the Contractor's receipt of the revision.

6.3 Required Forms

The Government will provide the forms (at the stated Inventory level) listed in TE-8b that are required for the performance of this PWS. The use of these forms is required unless the COR determines that they may be disposed of or altered. The Contractor is required to notify the COR immediately upon reaching the reorder point for each form.

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

CATEGORY 1 $0 - $1000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-00-585-4053	STD CAP .OI UF	1409L	GENRAD	$34.00
5985-00-615-3104	ATTEN.	A731AS	EMCO	$50.00
6625-01-448-1347	ATTEN	10-9	WEINSCHEL	$62.00
5985-00-655-	ATTEN. TEN. 10DB	50-10	WEINSCHEL	$66.00
5985-00-403-1688	ATTEN. 30DB	20-30	WEINSSS	$99.00
6625-01-056-2137	FREQ CNTR	5382A	HEWLETT PACKARD	$100.00
6625-00-999-5883	PROBE	W 4 4	B AND K	$100.49
5920-01-452-0916	WRST STRP TSTR	SC102W	WESTEK	$102.37
6625-01-193-1006	PROBE 80K-40	80K-40	PINTEK	$107.10
5985-00-777-1382	ATTEN. 30DB	50-30	WEINSCHEL	$118.96
6625-01-329-0720	MULTIMETER	85	FLUKE	$124.00
6031A	POWER SUPPLY	6031A	HEWLETT PACKARD	$135.00
5985-00-439-6606	ATTEN 3DB	10-3	WEINSCHEL	$158.00
6625-00-166-0398	BRIDGE RES	5300	LEEDS	$160.00
6625-00-261-5033	POWER SPLITER	1506A	WEINSCHEL	$182.00
6625-01-223-9872	SCOPE	2445B	TEKTRONIX	$196.00
6625-00-424-5067	RESISTOR	4050B	LEEDS	$200.00
6625-01-313-4381	GEN	750T	CLARK HESS	$200.00
6625-00-999-1222	METER	610-014H	RHODE SCHWARZ	$205.41
6625-00-804-7398	STD, INDUCTOR	1482R	QUAD TECH	$210.00
6625-00-649-5070	RF TST	43	BIRD	$215.00
6625-01-149-9725	VOM	60NA TYPE 2	TRIPLETT	$224.93
6625-00-223-5150	STROBE	MDL6318	STROBOTAC	$228.00
6625-01-079-1762	DMM	8010M	FLUKE	$244.00
6625-01-121-6977	DMM	8010M	FLUKE	$244.00
6625-01-312-2930	DMM	87	FLUKE	$248.00
6625-01-086-3130	CURRENT GUN	CG-100	F W BELL	$265.00
6625-01-266-3494	DMM	8025B	FLUKE	$288.10
5985-00-759-8877	ATTENUATOR SET	AS-6A	WEINSCHEL	$290.02
6625-01-262-4815	DMM	27	FLUKE	$295.00
6625-00-322-8715	DMM	8000A	FLUKE	$299.00
6625-01-147-6182	DMM	8025A	FLUKE	$300.00
5985-01-300-7038	ATTEN. 12.4 GHZ	8491A	HEWLETT PACKARD	$301.00
6625-00-999-5319	TEMP PROBE	A410	INTERNATIONAL LIGHT	$304.00
6625-00-629-1983	STD CAO	1409F	GENRAD	$315.00
6625-00-058-2777	VMTR	400FL	HEWLETT PACKARD	$341.95
6625-01-157-2246	MULTIMETER	8060A	FLUKE	$342.61
6625-00-773-0049	TST	FA1584	BIRD	$344.00
6625-00-964-7231	AUDIO POWER METER	MP1	INDUSTRIAL INSTRUMENT	$344.00
5985-01-120-6207	ATTEN. 30DB	11708A	HEWLETT PACKARD	$365.00
6625-00-731-7404	DECADE CAPACITOR	1424A	GENRAD	$366.00
6625-01-216-4431	DMM	8010A	FLUKE	$406.00
6625-00-043-2100	POWER SPLITTER	1506N	WEINSCHEL	$430.00
5895-01-183-3590	ATTENUATOR SET	11582A	HP□HP	$432.00
6625-00-500-6646	PIU TM501	SG505	TEKTRONIX	$437.00
6625-00-253-5009	PIU	7A18N	TEKTRONIX	$440.00
6625-01-039-4387	DETECTOR, PEAK TO PEAK	067-0625-00	TEKTRONIX	$444.00
6625-01-313-1589	FUNC GEN	744	CLARK HESS	$445.00
6625-00-918-5721	TTS TST	TTS37B	NORTHEAST	$449.00
5985-00-957-1860	ATTEN 10DB STEP	355D	HEWLETT PACKARD	$451.61
6625-00-585-3990	STD CAPACITANCE	1401A	GENRAD	$458.00

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-01-313-4375	HEAD	200-8710	RHODE & SCHWARTZ	$464.00
6625-00-774-6052	STD, INDUCTOR	1482D	QUAD TECH	$466.00
6625-00-215-4931	ATTEN AUDIO STEP	350D	HEWLETT PACKARD	$469.00
6625-00-444-6084	BRIDGE IMPED	1650A	GENRAD	$472.00
6625-01-017-2713	POWER SPLITTER DC-18GHZ	11667A	HEWLETT PACKARD	$483.00
6625-00-014-4488	MON	FA5448	DELCON	$485.00
6625-00-311-3357	MON	FA8901	FAA	$485.00
6625-00-132-3281	OHMMTR	580	KEITHLEY	$500.00
6625-00-132-3281	OHMMTR	580	KEITHLEY	$500.00
6625-00-270-8409	PIU	7B53AN	TEKTRONIX	$500.00
6625-01-122-3438	PWR SPLITTER	11850C	HEWLETT PACKARD	$500.00
6625-00-982-2977	AMP 20/40 DB 150 MHZ	461A	HEWLETT PACKARD	$512.00
6625-01-115-2141	DMM	8050A	FLUKE	$519.00
6625-00-965-7051	RF TST	4301	BIRD	$524.50
6625-00-811-2435	THERM MNT	8478A	HEWLETT PACKARD	$530.00
6625-00-001-8060	MEGGER MTR	1863	QUAD TECH	$540.00
6625-01-078-1871	PIU	800T	CALIFORNIA	$545.00
6625-01-320-0536	VTM	45	FLUKE	$553.00
6625-00-585-3991	STD CAP	1401D	GENRAD	$565.00
6625-01-369-5886	TESTER	HVP-56	AVA BIDDLE	$572.22
6625-01-048-7881	COUPLER	778D	HEWLETT PACKARD	$576.00
6625-00-354-9762	PK PWR SENSOR	8481A	HEWLETT PACKARD	$590.00
5985-00-048-7881	DIR COUPLER	M15370/11	UNIQUE	$591.00
6625-01-158-3600	SCOPE	LBO522	LEADER	$600.00
6625-01-425-1967	COUNTER	CMC251	TEKTRONIX	$600.00
6625-99-999-0019	ATTENUATOR, VARIABLE	8495A	HEWLETT PACKARD	$600.00
6625-99-999-0019	ATTENUATOR, VARIABLE	8495A	HEWLETT PACKARD	$600.00
6625-00-478-0598	PIU	7A16	TEKTRONIX	$602.90
6625-00-135-0407	MUL MTR	427A	HEWLETT PACKARD	$618.00
6625-00-999-5318	DETECTOR	SED033	INTERNATIONAL LIGHT	$625.00
6625-01-010-0088	DMM	8600A	FLUKE	$625.00
6625-00-342-9370	PIU	7A15AN	TEKTRONIX	$628.51
6625-00-999-5087	WATT METER	4381	BIRD	$630.00
6625-00-141-3558	OHMMTR	212159	BIDDLE	$631.00
6625-01-304-2182	SCOPE	LBO508A	LEADER	$644.00
6625-00-322-8684	MONITOR	FA8951	AULT INC.	$661.00
6625-01-223-2980	OHMMETER	212159CL	BIDDLE	$661.00
6625-00-649-2781	RESISTOR	4035B	LEEDS	$674.00
6625-00-937-3525	COMB GEN	8406A	HEWLETT PACKARD	$675.00
6625-01-278-5134	POWER SENSOR	6910	MARCONI	$675.00
6625-01-429-9535	AMMETER	2000	F W BEL	$680.60
6625-00-483-2619	TIME GEN	2901	TEKTRONIX	$687.17
6625-00-472-9910	SCOPE	1010A	BALLANTINE	$690.00
6625-00-999-5917	ELECTRO MTR	PFM711A	PROSTAT	$695.00
6625-01-045-6274	PULSE GEN	8005B	TEKTRONIX	$707.00
6625-00-173-5441	DECADE BOX	1433-12	QUADTECH	$708.03
6625-01-433-2061	ELEC COUNTER	3000A	OPTOELECTRONICS	$711.14
6625-01-115-0395	TRKR	1005B	HUNTRON	$750.00
6625-01-015-4412	SENSOR	8482A	HEWLETT PACKARD	$758.50
6625-01-313-1555	POWER SNSR	4210-4E-S/2	BOONTON	$760.00
6625-00-013-8502	ATTENUATOR, VARIABLE	8494A	HEWLETT PACKARD	$765.00
6625-00-495-3447	THERM MNT	478A	HEWLETT PACKARD	$769.50

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-01-124-6296	ANALYZER	PR570	SENCORE	$774.00
6625-01-356-9554	PWR MTR	437B-E14	HEWLETT PACKARD	$792.82
6625-00-727-4606	RMS VTM	3400	HEWLETT PACKARD	$800.00
6625-01-137-5808	FREQ COUNTER	5315B	HEWLETT PACKARD	$800.00
6625-01-145-2430	DMM DB	8050A/FM	FLUKE	$802.94
6625-01-010-3467	SNSR	8483A	HEWLETT PACKARD	$810.00
6625-00-999-5863	OHMMTER	580	KEITHLY	$823.50
5998-01-232-7495	CCA DASI	17355	C & G ASSOC.	$850.00
6625-01-426-8833	POWER SENSOR	6930	MARCONI	$851.00
5985-01-013-8502	ATTEN 10DB STEP 18G	8496B	HEWLETT PACKARD	$861.93
6625-00-787-6658	DEVIATION METER	S1059B	MOTOROLA	$883.50
6625-01-164-9372	SCOPE PLUG IN	TD1085U	TEKTRONIX	$885.00
6625-01-154-1306	HUMIDITY PROBE	HMP 25U	VAISALA	$885.03
6625-01-315-6241	CAL MODEL	MDL 100	SEATTLE	$894.00
6625-01-040-5758	FREQ CNTR	5305B	HEWLETT PACKARD	$900.00
6625-01-037-0429	CALIBRATOR RF PWR MTR	11683A	HEWLETT PACKARD	$902.00
5985-01-146-4688	ATTENUATOR, VARIABLE	8495G	HEWLETT PACKARD	$922.00
5985-01-146-4689	ATTENUATOR, VARIABLE	8494G	HEWLETT PACKARD	$922.00
6625-00-999-4952	SPEC ANA	A7550	IFR	$925.00
6625-00-999-5161	DYNALOAD	DLR400-1	TRANSISTOR DEVICES	$930.00
6625-00-999-1535	OSCOPE	T922	TEKTRONIX	$936.00
6625-01-372-3905	DMM	34401A	HEWLETT PACKARD	$945.00
6625-00-471-3259	GEN SWEEP	144	WAVETEK	$956.15
6625-00-520-5158	PIU, TM500	PG506	TEKTRONIX	$959.00
5985-01-214-9684	ATTEN 1DB STEP	355C	HEWLETT PACKARD	$973.00
6625-00-138-6522	POWER METER	432B	HEWLETT PACKARD	$975.00
6625-01-412-3790	OSC	222PS	TEKTRONIX	$986.00
6625-99-999-0098	POWER SUPPLY	E3633A	HP	$995.00
5985-01-419-7564	ATTEN 10DB	20-10	WEINSCHEL	$1,000.00
6625-01-071-0596	COUNTER	1980A	FLUKE	$1,000.00
6625-99-999-0050	NOISE FIGURE METER	8970A	HEWLETT PACKARD	$1,000.00
6625-99-999-0056	TRANSMITTER CLIN 10	8745T	NARDA MICROWAVE	$1,000.00
CATEGORY 2...$1,001.00 - $5,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-01-438-5312	MULTIMETER	41B	FLUKE	$1,001.00
6625-00-311-3342	GEN	2001A	WAVETEK	$1,007.00
6625-00-145-6341	WAVEMETER	WDA940	FREQ. ENGINEERING LAB	$1,010.00
6625-00-807-0259	RESISTOR	4045B	LEEDS	$1,012.00
6625-00-411-9629	H V PROBE	P6015A	TEKTRONIX	$1,021.00
6625-01-018-6361	MEASURING SYSTEM	5300B	HEWLETT PACKARD	$1,029.00
6625-01-072-4895	SNSR	8482H	HEWLETT PACKARD	$1,031.87
6625-01-028-2882	SNSR	8484A	HEWLETT PACKARD	$1,039.50
6625-00-373-7275	PIU TM500 PILSE GEN	PG501	TEKTRONIX	$1,045.00
6625-01-370-4253	INPUT PIU MOD	85081B	HEWLETT PACKARD	$1,051.00
6625-01-313-4410	TEST	FA9491	LOGICAL	$1,070.00
6625-00-403-6526	METER AC VOLT	400F	HEWLETT PACKARD	$1,073.00
6625-99-999-0051	METER MODE	5080	F W BELL	$1,080.00
6625-00-142-6233	FREQ CNTR	1920A	FLUKE	$1,081.00
6625-01-312-8743	SNSR	8481D	HEWLETT PACKARD	$1,087.75
6625-01-014-6695	SNSR	8481H	HEWLETT PACKARD	$1,100.00
6625-01-214-4416	LCR METER	4332A	HEWLETT PACKARD	$1,115.00
6625-01-227-4370	WATTMTR	4391	BIRD	$1,120.25

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-01-379-4787	RF DETECT	16934	GIGATRONICS	$1,134.00
6625-00-999-5138	DYNALOAD	DLP130-15	TRANSISTOR DEVICES	$1,150.00
6625-00-920-3246	SCOPE	422	TEKTRONIX	$1,163.00
5985-00-053-9111	COUPLER	3020A	NARDA	$1,178.36
6625-01-217-9927	DMM	8840A	FLUKE	$1,185.95
6625-01-019-9849	ATTEN	4436A	HEWLETT PACKARD	$1,186.00
6625-00-106-9625	PIU-7A15AN	AM-6565U	TEKTRONIX	$1,190.00
6625-00-436-4883	METER	432A	HEWLETT PACKARD	$1,223.00
6625-00-936-3135	ANA	332A	HEWLETT PACKARD	$1,250.00
6625-01-223-8356	GEN SIG	3336B	HEWLETT PACKARD	$1,253.00
5895-01-254-3893	POWER DETECTOR	85025A	HEWLETT PACKARD	$1,256.64
6625-00-324-3296	SCOPE	1066B MOD 49	BALLANTINE	$1,259.00
6625-01-021-4931	ATTEN 1DB STEP	8494B	HEWLETT PACKARD	$1,283.00
6625-01-391-1091	METER	93001050-01	NBPC	$1,294.00
6625-99-999-0080	PWR SENS	80401A	GIGATRONICS	$1,295.00
6625-00-727-4706	ACV METER	3400A	HEWLETT PACKARD	$1,300.00
6625-01-183-0440	CALIBRATOR, RF MILLIVOL	26A	BOONTON	$1,300.00
6625-99-999-0079	POWER SENSOR	E9301A	HEWLETT PACKARD	$1,300.00
6625-99-999-0074	COUNTER	6150	SYSTRON DONNER	$1,333.00
6625-01-379-4748	PEAK POWER SENSOR	16936	WAVETEK/GIGATRONICS	$1,335.00
6130-01-067-3777	POWER SUPPLY	6296A	HEWLETT PACKARD	$1,340.00
6625-01-187-8149	TSTR	250220-2	BIDDLE	$1,341.00
6625-01-034-4783	SCOPE	1720A	HEWLETT PACKARD	$1,345.00
6625-01-065-0305	AMP 26 DB .1 MHZ	8447D	HEWLETT PACKARD	$1,347.00
5985-01-443-7951	DIR BRID	86205A	HEWLETT PACKARD	$1,350.00
6625-01-429-9277	PWR SNSR	80350A	GIGATRONICS	$1,350.00
5963-01-358-5058	PLUG IN	1950A	HEWLETT PACKARD	$1,389.00
6625-00-937-4961	OSCOPE	651B	HEWLETT PACKARD	$1,390.00
6625-00-443-8086	TEST	519A	HALCYO	$1,430.00
6625-01-399-2298	UNIVERSAL COUNTER	53131A	HEWLETT PACKARD	$1,450.00
6625-01-433-5881	PLUG IN	85082A	HEWLETT PACKARD	$1,453.50
6625-01-094-8263	POWER SENSOR	8482B	HEWLETT PACKARD	$1,458.00
6625-01-108-6192	OSCOPE	1042 MOD 49	BALLANTINE	$1,462.00
6625-01-038-6059	NAUS WATTMTR	NAUS 80	RHODE & SCHWARZ	$1,475.00
6625-01-166-9370	PK PWR SNSR	84811A	HEWLETT PACKARD	$1,480.00
6625-01-032-4343	PIU SCOPE	7B80	TEKTRONIX	$1,484.00
6625-01-061-9115	GENERATOR	110C	SYSTRON DONNER	$1,493.00
6625-01-142-6233	COUNTER	1920A	FLUKE	$1,495.00
6625-00-113-6353	GEN	110B	SYSTRON DONNER	$1,500.00
6625-00-999-5127	IMPED TESTK	41951A	HEWLETT PACKARD	$1,500.00
6625-01-198-7461	FUNC GEN	278	WAVETEK	$1,500.00
6625-01-459-5289	FREQ CNTR	53181A	HEWLETT PACKARD	$1,500.00
6625-01-366-5029	TEST SET, RELAY	SR 90	MULTI AMP	$1,504.71
6625-01-020-9995	TTS TST	TTS37BAQ	NORTHEAST	$1,510.00
6625-01-364-4493	PROBE	P6015A	HEWLETT PACKARD	$1,510.00
6625-01-067-0413	THERM MOUNT STD	8478B	HEWLETT PACKARD	$1,515.00
6625-01-244-0198	MOD METER	4101	WAVETEK AND CT SYSTEM	$1,515.25
6625-01-244-0198	MOD METER	4101	WAVETEK AND CT SYSTEM	$1,515.25
6625-00-595-7591	FUNC GEN	3310B	HEWLETT PACKARD	$1,517.00
6625-01-174-7992	TTS	701A	CXR	$1,535.75
6625-00-162-1940	ANA	1568A	GENRAD	$1,549.00
6625-01-071-8403	PULSE GEN	801	WAVETEK	$1,551.00
6625-00-403-1685	PIU SCOPE	7B71	TEKTRONIX	$1,560.00
6625-01-369-5901	SCOPE METER	97	FLUKE	$1,561.65
6625-01-239-4638	SCD TST SET	2000	HUNTRON	$1,572.85

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-01-415-0149	POWER SENSOR	80301A	GIGATRONICS	$1,584.00
6625-01-160-0217	SCOPE	2215A	TEKTRONIX	$1,590.00
6625-01-178-7627	POWER SENSOR	8485A	HEWLETT PACKARD	$1,594.00
6625-01-258-0420	CURRENT PROBE	A6303	TEKTRONIX	$1,596.00
6625-00-629-1980	STD CAP 1.0 UF	1409Y	GENRAD	$1,597.00
6625-00-089-4227	DISTORT ANA	333A	HEWLETT PACKARD	$1,600.50
6625-00-556-8584	STD, INDUCTOR	1482L	QUAD TECH	$1,610.00
6625-01-426-4166	METER SCALE	6970	MARCONI	$1,613.00
6625-00-999-5317	RADIOMETER	IL1700	INTERNATIONAL LIGHT	$1,614.00
6625-01-278-3878	ANA CAP	LC105	SENCOR	$1,614.00
6625-01-347-4904	PEAK POWER SNSR	84812A	HEWLETT PACKARD	$1,616.80
6625-01-075-3761	MOD METER	9008	RACAL DANA	$1,625.00
6625-01-212-6470	SCOPE	2215 MOD WN	TEKTRONIX	$1,625.00
6625-01-304-2215	CNTR	7220A	FLUKE	$1,627.50
6625-01-321-9114	DMM	8842A	FLUKE	$1,650.00
6625-01-062-0176	TRANSM TEST	3551A	HEWLETT PACKARD	$1,675.00
6625-00-361-5318	PIU, SCOPE VERTICAL	7A26	TEKTRONIX	$1,685.00
6625-00-999-5132	ACTIVE PROBE	41800A	HEWLETT PACKARD	$1,700.00
6625-01-039-0086	COUNTER	5328A/096	HEWLETT PACKARD	$1,700.00
6625-01-039-0086	COUNTER	5328A/096	HEWLETT PACKARD	$1,700.00
6625-01-164-0519	COUNTER	5328A	HEWLETT PACKARD	$1,700.00
6625-00-322-8716	SCOPE	465	TEKTRONIX	$1,707.00
6625-01-418-0950	SNSR	84815A	HEWLETT PACKARD	$1,710.80
6625-01-420-9726	WAVE GEN	33120A	HEWLETT PACKARD	$1,725.00
6625-01-443-3360	NOISE GEN SOURCE	NC4079-3	S T INDUSTRIES	$1,746.49
6625-00-969-4105	MULTI MTR	410C	HEWLETT PACKARD	$1,764.00
6625-01-284-6869	NOISE SOURCE	346A	HEWLETT PACKARD	$1,775.15
6110-01-358-6830	PK PWR SEN	84813A	HEWLETT PACKARD	$1,786.00
6625-01-439-3602	OSC	TDS220	TEKTRONIX	$1,795.00
6625-01-032-6914	SCOPE	ANUSM 425	TEKTRONIX	$1,800.00
6625-01-304-2307	SCOPE	425 MOD WN	TEKTRONIX	$1,800.00
6625-01-304-2307	SCOPE	425 MOD WN	TEKTRONIX	$1,800.00
6625-00-531-5143	PIU TM500	SG504	TEKTRONIX	$1,810.00
6625-01-258-2893	TRACKER	2000A	HUNTRON	$1,820.00
6625-01-408-9378	O'SCOPE	TAS465	TEKTRONIX	$1,835.00
6625-01-267-2651	CALIBRATION KIT	85032B	HEWLETT PACKARD	$1,842.00
6310-00-001-8301	AC POWER	101T	CALIF	$1,850.00
6625-01-378-9673	RF DETECT	17071	WAVETEK/GIGATRONICS	$1,862.40
6625-01-256-6124	NOISE MON	346B	HEWLETT PACKARD	$1,865.33
6625-01-452-5761	MOD METER	257	WAYNE KERR ELECTRONI	$1,889.45
6625-00-999-5160	DYNALOAD	DLP400-5	TRANSISTOR DEVICES	$1,890.00
5985-00-490-2834	COUPLER, DIRECTIONAL	779D	HEWLETT PACKARD	$1,894.00
6625-01-047-1405	COUNTER	5300B	HEWLETT PACKARD	$1,900.00
6625-01-337-8124	CNTR PULSE	5361B	HEWLETT PACKARD	$1,900.00
6625-01-187-7847	SCOPE	2235 OPT 1	TEKTRONIX	$1,903.80
6625-01-371-5069	SCOPE	2235A	TEKTRONIX	$1,905.00
6625-01-035-9242	DECADE RESISTOR	DB877	ESI	$1,910.00
6625-01-211-9577	SCOPE	2215 MOD WV	TEKTRONIX	$1,925.00
6625-00-930-6637	OSCOPE	453A	TEKTRONIX	$1,950.00
6625-00-003-5592	OHMMTR	2785	RYCOM	$1,956.00
6625-00-148-8021	CNTR	6152A	SYSTRON DONNER	$1,980.00
6625-01-270-8712	DMM	8840A	FLUKE	$1,980.00
6625-01-055-7516	SCOPE	1040A MOD49	BALLENTINE	$1,995.00
6625-01-187-3353	SCOPE	PM3267	PHILLIPS	$1,995.00
6625-01-292-7689	TELE TST SET	AM44	AMERITEC CORP	$1,995.00

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6660-01-120-0993	BAROMETER	1130-019	KOLLSMAN	$1,995.00
6625-00-113-3491	RF VTM	3406A	HEWLETT PACKARD	$2,000.00
6625-01-056-4165	OSC MAIN FRAME	182C	HEWLETT PACKARD	$2,000.00
6625-01-107-8152	FUNC GEN	3325A	HEWLETT PACKARD	$2,000.00
6625-01-142-1070	PWR SUPP	DLP50-60-1000A	TRANSISTOR DEVICES	$2,000.00
6625-01-171-9937	DMM	3478A	HEWLETT PACKZRD	$2,000.00
6625-01-237-5872	OHMMTR	247000-11	AVO	$2,000.00
6625-01-245-5052	SCOPE	54601A	HEWLETT PACKARD	$2,000.00
6625-01-314-7737	DEMARC TST SET	BE9000	BERRY	$2,000.00
6625-01-374-6668	OSCOPE	PM3065	FLUKE	$2,000.00
6625-99-999-0099	POWER SUPPLY	6542A	HEWLETT PACKARD	$2,003.00
6625-00-489-6449	PIU OSCOPE SAMPLING A	7S11	TEKTRONIX	$2,031.00
6625-01-296-2103	TTS	701A	CXR	$2,040.00
6625-01-296-2103	TTS	701A	CXR	$2,040.00
6625-00-999-5681	FREQ COUNTER	PM6672	FLUKE / PHILLIPS	$2,042.00
6625-01-408-7686	FREQ CNTR	PM6672	FLUKE/PHILLIPS	$2,042.00
6625-01-176-8354	FREQ CNTR	5385A	HEWLETT PACKARD	$2,044.00
6625-01-123-7379	TIMS TEST	4935A OPT3	HEWLETT PACKARD	$2,079.00
6625-00-583-0040	STD, INDUCTOR	1482B	QUAD TECH□QUAD TECH	$2,087.00
6625-01-110-0316	COMB GENERATOR	067-0885-00	TEKTRONIX	$2,122.00
6625-00-999-5227	POWER METER	8501A	WAVETEK	$2,142.40
6625-01-090-2312	OSCOPE	465B	TEKTRONIX	$2,145.00
6625-01-419-6706	CABLE FAULT FINDER	8831	RYCOM	$2,145.00
6625-01-104-3151	SCOPE	465B	TEKTRONIX	$2,161.54
6625-99-999-0078	ANALYZER	LC103	SENCORE	$2,170.00
6625-00-583-0041	STD, INDUCTOR	1482H	QUAD TECH	$2,189.00
6625-01-389-3705	VOLTMETER	3400B	HEWLETT PACKARD	$2,195.00
6625-00-999-5128	TRANS REFLECT	41952A	HEWLETT PACKARD	$2,200.00
6625-01-035-0162	METER	430	WAVETEK	$2,200.00
6625-01-169-7669	PWR SENSOR	11722A	HEWLETT PACKARD	$2,200.00
6625-99-999-2630	TEST	35677B	HEWLETT PACKARD	$2,200.00
6625-00-339-9826	METER	230240/C20	AIL	$2,225.00
6625-00-995-7716	VTM	400E	HEWLETT PACKARD	$2,251.30
6625-99-999-0060	CABLE	471RF	VICTOREEN	$2,260.00
6625-01-436-2762	SCOPEMETER	105B	FLUKE	$2,281.87
6625-00-030-5260	MILI VLT MTR	92BD/1	BOONTON	$2,287.00
6625-01-313-1624	CNTR	6053/11/15	SYSTRON DONNER	$2,295.00
6625-01-375-3318	ELEC LOAD	60504B	HEWLETT PACKARD	$2,317.00
6625-01-051-6639	PULSE GEN	PG508	TEKTRONIX	$2,326.00
6625-01-023-8026	MODULATOR	8403A OPT 004	HEWLETT PACKARD	$2,334.32
6625-01-291-2642	RF DETECTOR	16976	GIGATRONICS	$2,335.00
6625-01-103-6524	XMS TSTR	TTS44	NORTHEAST	$2,357.00
6625-01-013-9322	PIU 2CH 400HZ	7A24	TEKTRONIX	$2,372.00
6625-01-999-4956	VOLTAGE STANDARD	8200	ANALOG	$2,382.00
6625-01-406-6941	METER POWER FACTOR	437B	HEWLETT PACKARD	$2,390.00
6625-00-567-2700	STD, INDUCTOR	1482A	QUAD TECH	$2,394.00
6625-01-359-3879	OSCILLOSCOPE	54600A	HEWLETT PACKARD	$2,395.00
6625-00-520-5143	PIU TIM500	SG503	TEKTRONIX	$2,399.00
6625-00-520-5199	PIU	TG501	TEKTRONIX	$2,400.00
6625-01-172-6119	PLUG IN	1950A	HEWLET PACKARD	$2,400.00
6625-01-429-1075	ELEC LOAD	60507B	HEWLET PACKARD	$2,408.00
6625-99-999-0057	ANTEN HORN	RGA-60	ELECTRO METRIC	$2,408.70
6625-01-176-1269	COUNTER	7250A	FLUKE	$2,413.68
6625-01-114-0085	POWER METER	435B	HEWLETT PACKARD	$2,430.00
6625-01-040-9639	AMP	8447E	HEWLETT PACKARD	$2,490.00

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-00-867-3244	MUL MTR	MD1A	ROSEMOUNT	$2,496.00
6625-99-999-0092	PWR MTR	3410A	GIGATRONICS	$2,500.00
6625-01-326-5724	SPEC AN	8563A	HEWLETT PACKARD	$2,509.00
6625-01-127-4955	CNTR	5335A	HEWLETT PACKARD	$2,548.00
6625-00-315-9609	COUNTER	6152A	SYSTRON DONNER	$2,550.00
6625-00-106-9623	MAIN FRAME SCOPE	7603 281C	TEKTRONIX	$2,551.00
6625-00-115-6711	PIU, CALIBRATOR, 7000 SER	067-0587-01	TEKTRONIX	$2,576.00
6625-99-999-0077	ANALYZER	SC3100	SENCORE	$2,605.00
4931-01-088-2149	CALIBRATOR, AM/FM TEST	11715A	HEWLETT PACKARD	$2,613.00
6625-00-583-0044	STD, INDUCTOR	1482P	QUAD TECH	$2,614.00
6625-01-304-4945	TEST TEL	AM-48	AMERITEC CORP	$2,629.80
6625-01-316-6448	PWR METER	437B	HEWLETT PACKARD	$2,641.00
6625-01-357-9937	CNTR ELEC DIG	1994	RACAL DANA	$2,646.00
6625-99-999-0096	PWR MTR	E4418A	HP	$2,665.00
6625-01-126-3884	DMM	8922A	FLUKE	$2,700.00
6625-00-999-5889	PROBE, AMP	AM503B	TEKTRONIX	$2,723.00
6625-99-999-0090	PUL GEN	PM5715	PHILIPS	$2,750.00
6625-01-042-7415	DMM	3455A	HEWLETT PACKARD	$2,795.00
6625-00-937-6156	AUD TST	1840	GENRAD	$2,797.00
6625-01-450-2486	ESD TEST KIT	PAK-200 FAA	PROSTAT	$2,839.94
6625-01-312-6923	DIST MEAS SYS	3501	AMBER ELECTRO DESIGN	$2,870.00
6625-00-450-7593	RF PWR MTR CAL	8477A	HEWLETT PACKARD	$2,880.00
6625-01-324-6352	PROBE	8723	NARDA MICROWAVE	$2,925.00
6660-01-315-6801	DASI SEN TRANS	17130	C & G ASSOC.	$2,938.00
6625-01-308-6446	VID TEST SET	FA9410	BENDIX	$2,950.00
6625-01-123-0028	MULTIMETER	8520A	FLUKE	$2,995.00
6625-00-127-0079	SCOPE	475	TEKTRONIX	$3,000.00
6625-01-260-0677	COUNTER	4384A	HEWLETT PACKARD	$3,021.07
6625-01-392-0209	TTS	4934A	HEWLETT PACKARD	$3,038.50
6625-01-448-2281	TIMS WIDE FREQ	704A	CXR	$3,080.65
6625-00-506-1121	PIU SCOPE	7A19	TEKTRONIX	$3,100.00
6625-01-450-7534	SCOPE	54645A	HEWLETT PACKARD	$3,124.00
6625-00-531-5135	PIU TM500	PG502	TEKTRONIX	$3,151.00
6625-01-252-0319	DBM METER	4935A	HEWLETT PACKARD	$3,157.70
6625-01-079-9347	POWER METER	8900C	HEWLETT PACKARD	$3,163.10
6625-01-289-8715	GEN	067-1039-00	TEKTRONIX	$3,174.00
6625-00-258-8685	COUNTER	6053	SYSTRON DONNER	$3,185.00
6625-01-146-2378	OSCOPE	1980B	HEWLETT PACKARD	$3,190.00
6625-00-433-6477	GEN	921A	LOGIMETRICS	$3,200.00
6625-01-304-2439	VTM	2020S1	HAYES	$3,200.00
6625-00-147-3527	FREQ PROBE	85024A	HEWLETT PACKARD	$3,215.87
6625-01-380-5252	TELEPHONE TEST SET	4934A	HEWLETT PACKARD	$3,261.40
6625-01-282-9397	PWR METER	893B	MARCONI	$3,280.00
6625-01-046-4912	COUNTER/ TIMER P/O 7405	1953A	FLUKE	$3,325.00
6625-01-370-2085	SCOPE	2247A	TEKTRONIX	$3,355.00
6625-01-222-5007	SIG GEN	6060A-AN	FLUKE	$3,360.00
6625-01-161-4834	MON	CSM1	SINGER	$3,390.00
6625-99-999-0089	DIG OSC	TDS340A	TEKTRONIX	$3,395.00
6625-01-289-8580	TIMS TST	4935A OPT 2	HEWLETT PACKARD	$3,395.91
6625-01-304-3413	SCOPE	1602	GOULD	$3,400.00
6625-01-431-5801	METER	8718	NARDA MICROWAVE	$3,400.00
6625-01-451-7434	REFLECTION METER	TS100	TEKTRONIX	$3,400.00
6625-00-291-8085	ISO GEN	230450	AILTECH	$3,410.00
6625-01-303-1930	PROBE	AM503S	TEKTRONIX	$3,430.00
6625-00-999-5191	OSCOPE	2232	TEKTRONIX	$3,450.00

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-00-999-5654	MOD METER	TF2304	MARCONI	$3,460.00
6625-01-317-8373	DMM	3458A	HEWLETT PACKARD	$3,480.00
6625-01-275-4766	SCOPE	2246	TEKTRONIX	$3,490.00
6625-99-999-0075	DIG AMP	1855	PREAMBLE	$3,495.00
6625-01-161-0612	PULSE GEN	8116A	HEWLETT PACKARD	$3,500.00
6625-00-330-6939	GEN	2001B	WAVETEK	$3,550.00
6625-01-310-2528	MODULATOR	8403A 004 H-34	HEWLETT PACKARD	$3,550.00
6625-01-446-4437	FREQ CNTR	53132A	HEWLETT PACKARD	$3,595.00
6625-00-649-4636	FUNCT GEN	80	WAVETEK	$3,600.00
6625-00-999-5877	TST	4934A	HEWLETT PACKARD	$3,620.00
6625-01-027-0265	PIU SCOPE	7B92A	TEKTRONIX	$3,633.00
6625-99-999-0083	MULTIMETER	2001	KEITHLEY	$3,695.00
6625-01-098-2805	DMM	3456A	HEWLETT PACKARD	$3,704.00
6625-01-251-4775	MON COM	3000BMA	CT SYSTEMS	$3,737.00
6625-01-360-3363	PROBE	8752	NARDA MICROWAVE	$3,750.00
6625-01-451-1940	PROBE	8760	NARDA MICROWAVE	$3,750.00
6625-99-999-0072	PROBE	8731	NARDA MICROWAVE	$3,750.00
6625-01-437-8297	MULTIMTR/ BATTERY	CLC-100	ALBER CORP	$3,994.00
6625-00-251-2416	OSCOPE	2465A	TEKTRONIX	$4,000.00
6625-01-068-6762	AMPLIFIER, PRECISION AC/D	5205A	FLUKE	$4,000.00
6625-01-220-6729	METER RF POWER	436A	HEWLETT PACKARD	$4,079.00
6625-01-228-7848	RECORDER XY	4673	SCIENTIFIC ATLANTA	$4,090.00
6625-01-390-7244	MULTI METER	3478A	HEWLETT PACKARD	$4,106.00
6625-01-154-4844	MOD ANA	2305	MARCONI	$4,120.00
6625-01-426-4303	POWER METER	8542B	GIGATRONICS	$4,129.00
6625-00-261-5127	OSC MAINFRAME	7603	TEKTRONIX	$4,200.00
6625-01-363-5262	OSCOPE	2465B	TEKTRONIX	$4,200.00
6625-01-088-9087	GEN SIG	3002B	WAVETEK	$4,209.00
6625-01-315-6242	GEN	1605E	POLARAD	$4,294.00
6625-01-097-5700	AUDIO ANAL	8903B	HEWLETT PACKARD	$4,295.00
6625-01-422-2342	DIG OSCOPE	TDS420A	TEKTRONIX	$4,295.00
6625-99-999-0048	OSCOPE	9310L	LECROY	$4,326.00
6625-01-292-1615	COUNTER	5316B	HEWLETT PACKARD	$4,371.00
6685-00-999-1017	PRIMARY PRESSURE STAND	760-15A	PAROSCIENTIFIC	$4,395.00
6625-01-213-8152	SYNTHESIZER GEN	3336C	HEWLETT PACKARD	$4,420.00
6625-01-296-4527	SENSOR MODULE, 18 GHZ	11792A	HEWLETT PACKARD	$4,440.00
6625-01-033-5050	PWR METER	436A	HEWLETT PACKARD	$4,450.00
6625-01-238-7314	GEN	MDL 20	WAVETEK	$4,500.00
6625-01-304-7317	OSCOPE	100MH	HEWLETT PACKARD	$4,500.00
6625-00-531-4752	CNTR	5345A	HEWLETT PACKARD	$4,540.05
6625-00-489-6450	PIU OSCOPE SAMPLING	7T11A	TELTRONIX	$4,541.00
6625-01-445-5336	METER	4263B	HEWLETT PACKARD	$4,557.00
6625-00-583-0043	STD, INDUCTOR	1482T	QUAD TECH	$4,591.00
6625-99-999-0028	POWER SNSR	81532A	HEWLETT PACKARD	$4,600.00
6625-01-043-9760	RMTR	1503	TEKTRONIX	$4,613.00
6625-00-618-4902	OSCOPE	475A	TEKTRONIX	$4,630.00
6625-01-312-4726	SCOPE	2445A	TEKTRONIX	$4,633.00
6625-01-318-0238	VTM	8508A	HEWLETT PACKARD	$4,645.00
6625-01-311-6487	PROBE OBSOLETE	8722B	NARDA MICROWAVE	$4,650.00
6625-99-999-0091	POWER METER	E4419A	HEWLETT PACKARD	$4,670.00
6625-01-250-1303	FREQ COUNTER	535	EIP	$4,691.00
6660-01-431-4380	BAROMETRIC PRESSURE	760-16B	PAROSCIENTIFIC	$4,789.30
6625-00-689-7685	WAVE ANA	312A	HEWLETT PACKARD	$4,800.00
6625-01-012-1071	WAVE ANA	312B	HEWLETT PACKARD	$4,800.00
6625-01-304-3437	GENERATOR	3336A	HEWLETT PACKARD	$4,834.00

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-01-374-9122	FREQ COUNTER	25B	EIP	$4,900.00
6625-01-017-8562	VTM	92BD-01	BOONTON	$4,920.00
6625-01-030-5260	RF MIL VTM	92BD	BOONTON	$4,920.00
6625-01-071-4293	PIU	8558B	HEWLETT PACKARD	$4,950.00
6625-01-165-7789	COUNTER	9035-11	RACAL DANA	$4,950.00
6625-01-063-6325	CALIBRATOR PREC AC	5200A	FLUKE	$4,995.00
6625-01-275-6268	COUNTER	5350B W/OSCILL	HEWLETT PACKARD	$4,999.00
6625-00-397-4179	SCOPE	475A OPT 4	TEKTRONIX	$5,000.00
6625-00-973-4837	COUNTER TIMER	5245L	HEWLETT PACKARD	$5,000.00
6625-99-999-0053	SURVEY METER	8718	NARDA MICROWAVE	$5,000.00
CATEGORY 3...$5,001.00 - $10,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-01-037-4412	RMTR	1502 OPT 4	TEKTRONIX	$5,001.00
6625-99-999-0081	ANA DIG COM	3380B	FLUKE	$5,045.00
6625-99-999-0095	COMBISCOPE	PM3380B	FLUKE	$5,045.00
85052D	CALIBRATION KIT	85052D	HEWLETT PACKARD	$5,130.00
6625-01-267-4887	CNTR ELEC DIG	5350B	HEWLETT PACKARD	$5,257.00
6625-01-257-2868	SCOPE	2430A	TEKTRONIX	$5,280.00
6625-01-288-9883	TST SET	220070	BIDDLE	$5,387.00
6625-01-007-9416	SCOPE MAINFR	7623A	TEKTRONIX	$5,413.00
6625-01-140-7067	PULSE GEN	8114A	HEWLETT PACKARD	$5,420.00
6625-00-254-6671	GEN	8616A	HEWLETT PACKARD	$5,442.00
6625-01-176-8561	TIMS TST	4935S OPT 2	HEWLETT PACKARD	$5,459.25
6625-01-364-7519	CNTR ELEC	PM6680	FLUKE	$5,468.00
6625-01-302-0578	RADIO TEST	FMAV 500	IFR	$5,495.00
6625-01-467-9626	OSL	TDS3052	TEKTRONIX	$5,575.35
5895-01-088-8715	AMPLIFIER, PRECISION AC V	5215A	FLUKE	$5,619.00
6625-01-304-2327	SIG GEN	3004	WAVETEK	$5,655.00
6625-00-929-1897	VTM	8405A	HEWLETT PACKARD	$5,690.00
6625-01-203-0541	PWR METER	438A	HEWLETT PACKARD	$5,700.00
6625-01-252-0298	PWR METER	438A	HEWLETT PACKARD	$5,700.00
6625-01-355-8085	CBL TST SET	1503C	TEKTRONIX	$5,750.00
6625-01-080-0289	VTM	CE24A	CUSHMAN ELECTRIC	$5,820.00
6625-01-365-8254	SIG GEN	3324A	HEWLETT PACKARD	$5,900.00
6625-99-999-0029	WAVE ADAPT	81542MM	HEWLETT PACKARD	$5,950.00
6625-99-999-0030	LED SOURCE	81552SM	HEWLETT PACKARD	$5,950.00
6625-00-463-3522	TST	FA8169	TASKER	$5,992.00
6625-01-159-3106	SCOPE	2465A	TEKTRONIX	$6,000.00
6625-01-359-0919	OSL	PM3394/063	FLUKE	$6,111.00
6625-01-393-5058	SCOPE	PM3394	FLUKE	$6,111.00
6625-01-285-7240	FUNCTION GEN	8904A	HEWLETT PACKARD	$6,185.00
6625-99-999-0041	NOISE GEN	UFX710B	UNKNOWN	$6,200.00
6625-01-081-3402	CNTR FREQ	5342A	HEWLETT PACKARD	$6,272.00
6625-00-999-5109	PULSE GEN	8112A	HEWLETT PACKARD	$6,279.00
6625-01-012-7669	SPEC ANA	3581A	HEWLETT PACKARD	$6,320.82
6625-01-311-2700	COUNTER W/O REMOTE	9035	RACAL DANA	$6,331.00
6625-01-237-2739	CNTR	5350A OPT6	HEWLETT PACKARD	$6,345.00
6625-01-314-1269	ANA	870-01	CXR	$6,375.75
6625-00-359-1927	ANA	3580A	HEWLETT PACKARD	$6,425.00
6625-01-245-3926	COMM TST	3701 OPT 11	HEKIMIAN	$6,491.00
6625-01-221-9295	AUDIO ANA	8903B	HEWLETT PACKARD	$6,513.00
6625-01-455-8252	OSC	PM3394B	FLUKE	$6,521.00
6625-01-087-7258	DISTORTION	339A	HEWLETT PACKARD	$6,522.79
6625-01-396-9930	SCOPE	TDS620A	TEKTRONIX	$6,547.46

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-01-364-6843	SCOPE	2440	TEKTRONIX	$6,547.52
6625-01-250-3973	AUDIO ANA	8903B	HEWLETT PACKARD	$6,551.80
6625-01-285-9218	SIG GEN	6080A	FLUKE	$6,560.00
6625-01-258-0022	SCOPE	2430	TEKTRONIX	$6,622.50
6625-01-367-5551	SIG GEN	8643A	HEWLETT PACKARD	$6,700.00
6625-01-069-7884	IND DISTORT	478A	COLLINS	$6,734.00
6625-01-230-3769	PRESS XFER	909808-10	AIRESEARCH	$6,754.00
6625-01-165-7790	CNTR W RMT.	9035	RACAL DANA	$6,760.00
6625-01-268-6240	DIG OSCOPE	54201D	HEWLETT PACKARD	$7,000.00
6625-01-315-4128	LOGIC ANA	PM3655	FLUKE	$7,100.00
6625-01-222-6444	OSCOPE	54200A	HEWLETT PACKARD	$7,130.00
6625-00-472-3760	OSCOPE MAIN FRAME	7904	TEKTRONIX	$7,185.00
5895-01-252-7337	MODEM	3717A	HEWLETT PACKARD	$7,250.00
6625-01-018-1028	GAIN MTR	3575A	HEWLETT PACKARD	$7,370.00
6625-01-234-4134	DMM 7/1 DIGIT	8506A	FLUKE	$7,440.00
6625-01-209-2468	SIG GEN	8656A	HEWLETT PACKARD	$7,490.00
6625-01-041-5591	ANA	312B OPTH55	HEWLETT PACKARD	$7,500.00
6625-01-190-5008	PULSE GEN	8112A	HEWLETT PACKARD	$7,500.00
6625-01-328-8062	COUNTER	575B	EIP	$7,500.00
6625-01-049-7760	GENERATOR, 11 MHz P/O 74	6011A	FLUKE	$7,570.00
6625-01-431-4373	MICROWAVE COUNTER	2442	MARCONI	$7,587.46
6625-00-872-3215	SIG GEN	8614A	HEWLETT PACKARD	$7,600.00
6625-01-329-8169	VTM	8508A	HEWLETT PACKARD	$7,630.00
6625-01-434-8329	OSC	TDS460	TEKTRONIX	$7,685.00
6625-01-111-2225	SIGNAL GENERATOR	8165A	HEWLETT PACKARD	$7,710.00
6625-99-999-0065	SIGNAL ANALYZER	3560A	HEWLETT PACKARD	$7,800.00
6625-01-350-7698	LOG ANA	1653B	HEWLETT PACKARD	$7,889.00
6625-01-225-7435	SWEEPER PLU	83522A	HEWLETT PACKARD	$8,170.00
6625-99-999-0014	DIG OSC	TDS640A	TEKTRONIX	$8,180.00
6625-00-548-8181	SCOPE	485	TEKTRONIX	$8,301.00
5825-01-314-0640	XMTR	ME453TX	ANRITSU	$8,450.00
5825-01-314-0641	RCVR	ME453RX	ANRITSU	$8,450.00
6625-01-311-2714	TEST SET	K105-401	GOULD	$8,450.00
6625-01-252-0344	OSCOPE	2430A	TEKTRONIX	$8,455.00
6625-00-999-5305	DIG OSCOPE	9410	LECROY	$8,593.00
6625-01-272-8054	SCOPE	2465B	TEKTRONIX	$8,680.00
6625-01-262-3953	TEST	85046A	HEWLETT PACKARD	$8,721.00
6625-01-144-0860	SIGNAL GENERATOR	8656B	HEWLETT PACKARD	$8,801.12
6625-01-369-6058	ANALYZER, ENERGY	8000-2	DRANETZ	$8,823.75
6625-01-360-0396	DIG OSCOPE	TDS520	TEKTRONIX	$8,950.00
6625-99-999-0076	MEGGER	1-5000	AVO	$8,950.00
6625-01-075-1814	SIG GEN	479S6A	COLLINS	$8,959.00
6625-01-374-1328	NETWORK ANALYZER	8757D	HEWLETT PACKARD	$9,075.00
6625-01-444-8847	TEST SET	4300	DRANTZ	$9,079.81
6625-99-999-0097	DIG OSCILL	TDS3054	TEKTRONIX	$9,105.00
6625-00-489-8996	PULSE GEN	284	TEKTRONIX	$9,180.00
6625-01-235-5245	SWEEP GEN	3324A	HEWLETT PACKARD	$9,284.58
6635-01-180-9450	BALANCER	245	IRD	$9,450.00
6635-01-180-9450	BALANCER	245	IRD	$9,450.00
6625-01-089-6304	LEVEL GEN	3335A	HEWLETT PACKARD	$9,475.00
6625-01-139-6741	SELECT LVL METER	3586B	HEWLETT PACKARD	$9,800.00
6625-01-300-9600	S-PARAMETER TEST SET	85047A	HEWLETT PACKARD	$9,800.00
6625-01-308-4401	RF TEST SET	FA9411	BENDIX	$10,000.00
6625-01-308-4401	RF TEST SET	FA9411	BENDIX	$10,000.00
6625-99-999-0082	SIG GEN	2024	MARCONI	$10,000.00

NSN	DESCRIPTION	MODEL	MFG	EST. COST
CATEGORY 4..$10,001.00 - $15,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-01-423-2156	XMS ANA	5200	CXR	$10,030.25
6625-01-300-6148	AUD LVL METER	8419B	S.T.RESEARCH	$10,175.00
6625-01-105-3598	CALIBRATOR, MULTIFUNCT	5101B	FLUKE	$10,305.00
6625-01-289-8532	METER	3586A OPT004	HEWLETT PACKARD	$10,546.00
6625-01-316-8664	METER	3586A	HEWLETT PACKARD	$10,546.00
6625-01-147-7309	SCOPE DIGITIZING	1980A	HEWLETT PACKARD	$10,600.00
6625-01-147-7309	SCOPE DIGITIZING	1980A	HEWLETT PACKARD	$10,600.00
6625-01-096-1726	METER	3586C	HEWLETT PACKARD	$10,642.00
6625-01-311-2715	LOGIC ANA	K450 XLD	GOULD/BIOMATION	$10,750.00
6625-01-276-6509	GENERATOR	6062A	FLUKE	$10,774.00
6625-00-999-5640	COMM ANA	R2600B	MOTORO LA	$10,950.00
6625-00-999-5640	COMM ANA	R2600B	MOTORO LA	$10,950.00
6625-01-102-3388	RF PLUG IN	86245A	HEWLETT PACKARD	$11,000.00
5975-01-432-8964	MPS MAINFR	66000A	HEWLETT PACKARD	$11,008.00
6625-01-329-8160	RADIO TST SET	2955R	MARCONI	$11,066.00
6625-01-314-7700	TEST	07370-020	AILTECH	$11,115.00
6625-01-432-6997	RADIO TEST SET	2947	MARCONI	$11,200.00
6625-01-373-2798	POWER METER	8501A	WAVETEK	$11,203.50
6625-01-358-4903	CAL FRQ	585B	EIP	$11,210.00
6625-01-257-7152	NOISE METER	8970B	HEWLETT PACKARD	$11,746.35
6625-01-045-2183	SIG GEN	8640B OPT3	HEWLETT PACKARD	$11,900.00
6625-01-085-7674	SIG GEN	8640B OPT 2/3	HEWLETT PACKARD	$11,900.00
6625-01-316-8690	OSCOPE	54502A	HEWLETT PACKARD	$11,980.00
6625-01-340-6385	SCOPE	54503A	HEWLETT PACKARD	$11,980.00
6625-01-102-9112	SIG GEN	6070A	FLUKE	$12,000.00
6625-01-299-0883	CNTR	451 OPT5	EIP	$12,033.00
6625-01-018-8583	SIG GEN	8640B	HEWLETT PACKARD	$12,140.00
6625-01-081-4156	MODULATION ANALYZER	8901A	HEWLETT PACKARD	$12,149.50
6625-01-081-4156	MODULATION ANALYZER	8901A	HEWLETT PACKARD	$12,149.50
6625-01-445-9080	TESTER	5200-02	CXR	$12,220.00
6625-01-338-3387	FIREBIRD COMM ANA	MC6000	TELECOMMUNICATIONS T	$12,531.00
6625-99-999-0013	OSCILLOSCOPE	54522A	HEWLETT PACKARD	$12,927.00
6625-01-376-9293	PULSE GEN	8110A	HEWLETT PACKARD	$13,060.00
6625-01-346-7455	PULSE COUNTER 20 GHZ	5361A	HEWLETT PACKARD	$13,500.00
6625-99-999-0084	SIG GEN	MG3633A	ANRITSU	$13,600.00
6625-01-438-7682	DIG OSC	TDS540B	TEKTRONIX	1613~679.00
6625-01-211-2106	METER AUDIO LEVEL	3586B	HEWLETT PACKARD	$13,720.67
6625-01-126-3154	PWR MTR	8502A	GIGATRONICS	$13,734.00
9000-00-400-0075	RADIO TEST SET	8920A	HEWLETT PACKARD	$13,816.00
6625-01-252-6329	OSCOPE	54100A	HEWLETT PACKARD	$13,900.00
6625-01-271-4942	COMM TEST SET	FM/AM 1500	IFR	$13,993.00
6625-01-193-3073	NETWORK ANA	3577A	HEWLETT PACKARD	$14,000.00
6625-01-193-3073	NETWORK ANA	3577A	HEWLETT PACKARD	$14,000.00
6625-01-361-0033	RADIO TST SET	8920A	HEWLETT PACKARD	$14,160.00
6625-01-248-0963	OSCOPE	2467B	TEKTRONIX	$14,265.00
6625-01-304-2326	GEN	1358A	POLARAD	14,450.00
6625-01-347-2983	PEAK PWR ANA	8990A	HEWLETT PACKARD	$14,512.00
6625-01-463-9909	DIG OSC	TDS460A	TEKTRONIX	$14,524.00
6625-01-423-6599	PWR METER	8502A	GIGATRONICS	$14,768.20
6625-01-326-8976	SPEC AN	8563A-E01	HEWLETT PACKARD	$14,777.00
6625-01-238-3830	MOD ANA	8901B	HEWLETT PACKARD	$14,805.00
6625-01-315-9116	CHKR RPTR	MRC6500	SYSTRON DONNER	$14,837.00

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONSFOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-00-999-5350	SPECTRUM ANA	8591A	HEWLETT PACKARD	$14,860.00
6625-01-366-8925	SIG ANA	3561A	HEWLETT PACKARD	$14,894.00
6625-00-350-5714	CNTR	6153-50	SYSTRON DONNER	$14,999.00
6625-01-392-5724	SPEC ANA	8563A OPT E36	HEWLETT PACKARD	$15,000.00
CATEGORY 5..$15,001.00 - $25,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-01-210-5207	SWEEP GENERATOR	83525A	HEWLETT PACKARD	$15,144.00
5895-01-330-4870	MON	FM/AM-1200S	IFR	$15,162.00
6625-01-333-9512	AMPLIFIER, PRECISION	5725A	FLUKE	$15,320.00
6625-01-335-2525	FREQ COUNTER	5334B	HEWLETT PACKARD	$15,320.00
5826-01-314-0616	NOISE XMT	4661	SCIENTIFIC ATLANTA	$16,000.00
6625-01-104-0504	FREQ CNTR	5343A	HEWLETT PACKARD	$16,589.00
6625-01-304-2204	GENERATOR	6070 OPTS	FLUKE	$16,896.00
6625-01-259-8163	PWR RAD FREQ	8502A	WAVETEK	$16,949.73
6625-01-259-8502	TRANSMISSION TEST	8502A	HEWLETT PACKARD	$16,950.00
6625-00-999-4901	GENERATOR, 2115 MHZ	8642B	HEWLETT PACKARD	$17,355.00
6625-01-451-8727	DIG OSC	54825N	HEWLETT PACKARD	$18,000.00
5895-01-150-7866	GEN., SWEEP PIU, .01 - 20 GH	83592A	HEWLETT PACKARD	$18,200.00
6625-01-304-2181	FREQ ANALYZER	ME453	ANRITSU	$18,408.00
6625-01-270-5086	SWEEP GEN	610/01-8	GIGATRONICS	$18,460.00
6625-01-415-1698	MULTI FUNC CALIBRATOR	5500A	FLUKE	$18,520.00
6625-00-999-5295	DIG TST	9100A	FLUKE	$18,800.00
6625-00-999-5682	SCOPE DIG	TDS644A	TEKTRONIX	$18,900.00
6625-01-374-4115	SPEC ANA	2792	TEKTRONIX	$19,028.00
6625-01-278-3349	DIGIBRIDGE	1689M	QUADTECH	$19,061.00
6625-01-361-6809	AC MEASUREMENT STANDA	5790A	FLUKE	$19,311.00
6625-01-333-7843	SPEC AN	492PGM	TEKTRONIX	$19,640.00
6625-01-355-8241	SPEC AN	8563E	HEWLETT PACKARD	$19,710.00
6625-01-358-0166	ELC ANA	PLS658-400	DRANTZ□DRANTZ	$19,772.52
6625-01-056-6132	PULSE GEN	8130A	HEWLETT PACKARD	$20,247.60
6625-01-314-0636	IF ANA	4671	SCIENTIFIC ATLANTA	$20,635.00
6625-01-439-3529	SPEC ANA	8567A	HEWLETT PACKARD	$21,000.00
6625-99-999-0086	INTERFERENCE ANA	EMC-11	ELECTRO METRICS	$21,024.00
6625-01-188-7441	GENERATOR	8673M	HEWLETT PACKARD	$21,136.00
6625-99-999-0042	SIGNAL GENERATOR	2030	MARCONI	$21,362.29
6625-01-310-5635	GENERATOR OPT 2	3325B	HEWLETT PACKARD	$21,411.00
6625-00-999-5126	NETWORK ANA	4195A	HEWLETT PACKARD	$21,666.00
6625-00-999-5551	SIG GEN	2040	MARCONI	$21,926.00
6625-01-425-2550	GEN SWEEP	68369B	WILTRON	$22,518.00
6625-01-377-8179	GEN OPT 3,6,19	6100	GIGATRONICS	$22,915.20
6625-01-432-8464	OSCOPE	54540A	HEWLETT PACKARD	$23,122.00
6625-00-999-5773	MOD ANA	FMAV	RHODE SCHWARZ	$23,150.00
6625-01-264-9281	SIG GEN	6100/.1-8	GIGATRONICS	$23,770.00
6625-01-223-9924	SPEC ANA	3585A	HEWLETT PACKARD	$24,000.00
6625-01-255-3322	OSCOPE	54110D	HEWLETT PACKARD	$24,565.00
6625-01-380-2177	SPEC ANA	8560E	HEWLETT PACKARD	$24,910.00
CATEGORY 6..$25,001 - $35,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-01-365-8035	GEN SIG	83731A	HEWLETT PACKARD	$25,350.00
6625-01-454-5750	SIGNAL GENERATOR	SMP-02	ROHDE & SCHWARTZ	$25,350.00
6625-01-104-7816	SPEC AN	492	TEKTRONIX	$25,400.00
6625-01-327-3123	NETWORK ANA	8753C	HEWLETT PACKARD	$25,500.00

TECHNICAL EXHIBIT 1
TEST EQUIPMENT CLASSIFICATIONS FOR BID

NSN	DESCRIPTION	MODEL	MFG	EST. COST
6625-01-261-8107	SPEC AN	494AP	TEKTRONIX	$25,810.80
6625-01-037-2043	SIG GEN	8672A	HEWLETT PACKARD	$26,631.00
6625-01-306-1355	CALIBRATOR	5700A	FLUKE	$26,950.00
6625-01-329-0518	ANALYZER ELEC.	1652B	HEWLETT PACKARD	$27,240.00
6625-00-999-5153	GENERATOR	8671B	HEWLETT PACKARD	$27,654.00
6625-01-319-3930	SIG GEN	8671B	HEWLETT PACKARD	$27,654.00
6625-01-460-1217	SIG GEN	83752A	HEWLETT PACKARD	$28,090.00
6625-01-327-7229	SPEC AN	3585B	HEWLETT PACKARD	$28,116.00
6625-00-999-5283	SIGNAL GEN	8664A	HEWLETT PACKARD	$28,184.00
6625-01-398-9101	NOISE INTER	11848A	HEWLETT PACKARD	$28,198.00
6625-01-426-1074	SYNTHESIZED GEN	83732B	HEWLETT PACKARD	$28,560.00
6625-01-267-9197	SPEC AN	8569B	HEWLETT PACKARD	$29,075.00
6625-01-169-7744	MEASURING RECVR	8902A	HEWLETT PACKARD	$29,105.00
6625-01-322-5296	ANA ELEC TST	8753C	HEWLETT PACKARD	$29,384.40
6625-01-456-7767	SPEC ANALYZER	8561E	HEWLETT PACKARD	$29,577.00
6625-99-999-0063	OSCILL	TDS684B	TEKTRONIX	$29,995.00
6625-01-341-4437	SPEC AN	492P V 1.7	TEKTRONIX	$30,000.00
6625-01-341-4437	SPEC AN	492P V 1.7	TEKTRONIX	$30,000.00
6625-99-999-0085	NETWRK ANA	8753E	HEWLETT PACKARD	$30,172.00
6625-01-375-3288	SPEC ANALYZER	8593E	HEWLETT PACKARD	$30,930.00
6625-01-311-5272	SPEC AN	8563A-K01	HEWLETT PACKARD	$34,382.00
6625-01-336-1124	COUNTER	5352B	HEWLETT PACKARD	$34,382.00
CATEGORY 7..$35,001.00 - $45,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-99-999-0094	DIG OSCILL	TDS694C	TEKTRONIX	$36,960.00
6625-99-999-0088	SPEC AN	1066.301	ROHDE & SCHWARTZ	$37,000.00
6625-01-337-8341	SWEEP GEN	83620A	HEWLETT PACKARD	$38,350.00
6625-01-420-0470	SPEC ANA	8563E	HEWLETT PACKARD	$38,500.00
6625-00-999-5308	NETWORK ANA	8753D	HEWLETT PACKARD	$38,623.00
6625-01-412-9006	NETWORK ANALYZER	8753D	HEWLETT PACKARD	$38,623.00
6625-01-412-9066	NETWORK ANALYZER	8753D	HEWLETT PACKARD	$38,623.25
6625-01-103-7001	NETWORK ANA	8505A	HEWLETT PACKARD	$40,400.00
6625-01-200-3001	SYN SIG GEN	8662A	HEWLETT PACKARD	$43,400.00
6625-01-364-7933	SWEEP GENERATOR	83623A	HEWLETT PACKARD	$45,000.00
CATEGORY 8..$45,001 - $55,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-01-372-6011	FREQ STANDARD	1250A	AUSTR	$53,500.00
CATEGORY 9..$55,001.00 - $80,000.00				
NSN	**DESCRIPTION**	**MODEL**	**MFG**	**EST. COST**
6625-99-999-0059	ANA RECEIVER	EMC-60	ELECTRO METRIC	$61,080.00
6625-01-252-2368	GENERATOR, 2-26 GHZ	8673B	HEWLETT PACKARD	$64,522.00
6625-99-999-0059	INTERFERENCE ANA	EMC-30	ELECTRO METRIC	$64,999.00
6625-99-999-0067	ANALYZER	71200C	HEWLETT PACKARD	$65,827.78
6625-01-176-2303	SPEC ANA	8566B	HEWLETT PACKARD	$70,482.00
6625-01-337-8331	NETWORK ANA	8720C	HEWLETT PACKARD	$79,001.00

Technical Exhibit 2

Estimated Workload Data FY-02 through FY-06

PWS Reference	Program	Unit of Measurement	FY-00 Historic Work Count	Performance Period 1	2	3	4	5
5.2.1.1.1	Primary Standards	# Calibrated and Certified	24	25	28	30	31	32
5.2.1.1.2	Working Standards	# Calibrated and Certified	358	358	360	360	364	366
5.2.3.5.a	LP Program	Workload Items	1648	1698	1698	1749	1801	1801
5.23.5.b	SS Program	Workload Items	1021	1051	1051	1082	1114	1114
5.2.3.5.c	ER Program	Workload Items	3904	4021	4021	4142	4266	4266
5.2.3.5.d	RR Program	Workload Items	177	182	182	187	192	192
5.2.3.5.e	IE Program	Workload Items	67	78	78	80	82	82
Totals	All Programs	ALL	7199	7413	7418	7630	7850	7853

Technical Exhibit 2-1
Workload Percentages
Support Data for TE-2-1

PWS Reference	ACTIVITY	% of FY-00 Workload
5.2.1.8	Warranties	≤ .1% (for all programs)
5.2.2.8	Subcontracted	≤ 5% (for all programs)
5.2.3.5.a (IP)	P1	≤ 7.0 %
	P2	≤ 6.0%
	P3 –P5	≤ 87%
5.2.3.5.b (SS)	P1	≤ 10.0%
	P2	≤ 28.0%
	P3-P5	≤ 62.0%
5.2.3.5.c (ER)	P1	≤ 3.0%
	P2	≤ 4.0%
	P3-P5	≤ 93.0%
5.2.3.5.d (RR)	P1	≤ 21.0%
	P2	≤ 37.0%
	P3-P5	≤ 42.0%
5.2.3.5.e (IE)	P1	≤ 3.0%
	P2	≤ 3.0%
	P3-P5	≤ 94.0%

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

PART NUMBER	DESCRIPTION	QTY USED
00312-60029	ATTEN SWITCH	1
00312-60030	ATTEN	1
00400-61901	SWITCH	1
00436-60004	CONTROLLER	1
00436-60008	SWITCH	1
00436-60009	MOTHERBOARD	1
00436-60010	ZERO CARRY	2
00436-60029	RF CABLE	1
00436-60030	PWR REF	1
00436-60039	CKT BRD	1
00436-60040	A-D CONV	1
00436-60054	PWR SUP	1
00436-60065	PWR MOD	1
00437-60045	U PROC BRD ASSY	1
00437-69036	ANALOG CCA	3
00438-60001	KEYBRD ASSY	1
00438-60010	OSC	1
00438-60026	CONNECTOR	5
00438-60044	RETROFIT KIT	3
00438-60047	FAN	14
004BA28101	RF MOD	1
004BA29600	RF MOD	1
006-1658-01	PAPER	2
0070.0674.00	BATT HOLDER	5
880	METER	2
01-1020	FOOT	32
0122-0299	DIODE	4
0160-0127	CAP	2
0160-0152	CAP	2
0180-0024	CAP	1
0180-0047	CAP	1
0180-0106	CAP	1
0180-0135	CAP	1
0180-0213	CAP	11
0180-2208	CAP	1
0180-2334	CAP	1
0180-2530	CAP	1
0180-2606	CAP	1
0180-2835	CAP	12
0180-2842	CAP	1
0180-2862	CAP	1
0180-4612	CAP	1
02-1039	PWR SW	2
3342801	OSC	1
0340-0486	INSULATOR	9
03581-67401	INPUT SENS KNOB	1

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

03586-66502	INPUT AMP	1
03586-66506	CCA	1
03586-66523	CCA	1
03586-66551	CCA	2
03586-66560	CCA	1
0365-4001-00	TRANSFORMER	2
0370-0674	SWEEP MODE KNOB	1
0370-0675	SWEEP MODE KNOB	2
0370-0676	SPAN KNOB	1
0370-1005	KNOB	2
0370-1091	KNOBS	1
0370-1097	KNOB	2
0370-2182	AMP REF KNOB	2
0370-2188	FREQ FINE KNOB	2
0370-2376	KNOB	3
0370-2378	KNOB	2
0370-2379	KNOB	2
0370-2380	PK DEV	1
0370-2382	KNOB	7
0370-2445	KNOB	11
0370-2446	KNOB	1
0370-2473	PWR KNOB	1
0370-2607	RES KNOB	1
0370-2621	KNOB	2
0370-2623	KNOB	1
0370-2774	KNOB	10
0370-2916	KNOB	4
0370-2994	KNOB	8
0370-3035	KNOB	6
0370-3037	KNOB	4
03772-00005	PANEL	2
03772-60005	PANEL	1
03772-80010	TRANSFORMER	2
03772-80013	TRANSFORMER	1
0396.4540.00	BOTTOM FOOT	1
0396.4567.00	FRONT FOOT	1
0396.4692.00	SIDE FOOT	1
0396.4757.00	GUIDE RAIL	1
042161-00G	CHOPPER	9
042161-01G	CHOPPER	3
0438-60026	CONNECTOR	1
0490-1141	RELAY	1
04935-44503	CASE TOP	3
04935-44504	CASE BOTTOM	1
04935-60011	BATT	4
04935-60029	CCA	1
04935-60034	CCA	1

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

04935-62904	BATT	3
04935-80009	PANEL	2
495001	TUBE SOCKET	1
050-2598-02	YIG	1
050-3147-00	FAN KIT	13
050-3147-01	FAN KIT	1
050-3147-02	FAN	1
0510-0015	RETAINER RING	1
05328-60031	A/B BOARD	1
05350-60113	SAMPLER	1
05361-69204	FRONT END SAMPLER	2
0698-3157	RES	1
0698-3439	RES	1
07370-22210	HANDLE	1
0757-0288	RES	1
0757-0462	RES	1
0757-0895	RES	1
0764-0006	RESISTOR	1
7752004	DOWN CONVERTOR	6
0811-3348	RES	3
0811-3349	RES	3
8341102	CKT CARD	1
8346401	LEVELER	2
8355301	DISPLAY ASSY	1
08460-67002	RF AMP	1
08478-6012	BULKHEAD	2
08481-60004	BULKHEAD	22
08481-60145	BULKHEAD	1
08482-60003	BULKHEAD	59
08482-60009	BULKHEAD	1
08482-60011	BULKHEAD	4
08484-60005	BULKHEAD	9
08484-60007	BULKHEAD	1
08560-60029	CCA	1
08560-60061	CCA	1
08560-60067	CCA	1
08562-60039	CCA	1
08562-69094	CCA	6
08563-60028	BOARD	1
08563-60076	CCA	1
08563-60077	DISPLAY AMP	1
08563-60124	IF AMP	1
08563-69023	BOARD	1
08563-69028	CCA	1
08563-69031	CCA	1
08563-69087	CCA	2
08640-00107	FRONT PANEL	1

08640-20075	FRAME	23
08640-20075	HANDLE	1
08640-20082	SHAFT/DETENT	5
08640-20244	CABLE ASSY	1
08640-20248	ROTOR SW	8
08640-20249	ROTOR SW	21
08640-20250	ROTOR SW	17
08640-20296	DIAL/GEAR	3
08640-20312	WINDOW	7
08640-40047	KNOB/DIAL	5
08640-40055	KNOB	4
08640-40067	KNOB	2
08640-40092	SHAFT, FINE TUNE	19
08640-60004	P.S. CCA	3
08640-60005	44.6V P. S.	1
08640-60005	44.6V P.S.	1
08640-60005	5V P.S.	9
08640-60005	PS	1
08640-60006	20V P.S.	1
08640-60007	CCA	1
08640-60014	AM CCA	2
08640-60015	CCA	1
08640-60019	AUDIO OSC	3
08640-60020	AUDIO OSC	1
08640-60029	CCA	4
08640-60031	CCA	1
08640-60049	REV PWR PROT	2
08640-60098	RF OSC	1
08640-60099	RF OSC	16
08640-60100	RF OSC	3
08640-60103	CONN	1
08640-60105	DIV/FIL	1
08640-60105	DIVIDER FILTER	2
08640-60119	FAN	6
08640-60124	CABLE ASSY	1
08640-60137	AM SW	1
08640-60152	FM SW	7
08640-60153	AM 500 SW	39
08640-60176	REV PWR ASSY	1
08640-60177	PWR SUP	8
08640-60193	ATTEN	8
08640-60206	FINE TUNE ASSY	1
08640-60300	MOTHER BOARD	4
08640-60304	CCA	9
08640-60309	CCA	2
08640-60318	AM SECTION	4
08640-60324	CCA	1

08640-60325	RANGE SW	10
08640-60330	CCA	2
08640-60351	CCA	5
08640-60354	CCA	1
08640-60371	RF SCALLER BRD	3
08640-60377	CCA	4
08640-60381	COUNTER	13
08640-60392	-5V. PWR SUP	1
08640-60472	COUNTER	1
08640-60496	ATTENUATOR	2
08640-67002	RF AMP	13
08640-67003	RF AMP	9
08672-60100	CCA	1
08672-60129	DETECTOR	1
08753-00001	FRONT DRESS PNL	1
08753-40001	FRONT DRESS PNL	1
08753-60004	SAMPLER ASSY CCA	4
08753-601163	BEZEL ASSY	2
08753-60138	CPU CKT BRD	1
08753-69004	SAMPLER ASSY	4
08920-61005	CRT	2
08920-61804	INPUT CCA	3
08920-61810	HI PWR ATTEN	2
08920-61812	AUDIO ANAL CCA	3
08920-61812	AUDIO ANAL. CCA	1
08920-61827	RECVR CCA	1
08920-61829	REF CCA	5
08920-61831	RF OUTPUT CCA	2
08920-61839	RF OUTPUT CCA	3
08920-61852	EC ANAI CCA	4
08920-61856	POWER SUP REG	2
08920-61874	INPUT MOD	3
08920-69027	RECVR ASSY	1
08920-69110	PWRSUP ASSY	2
08920-69156	PWR SUP REG	1
08990-60048	PCB	1
08990-69001	CCA	3
0938-3003-00	BINDING POST	4
0950-1589	FAN	5
0955-0420	FILTER	2
0960-0443	LINE FILTER	1
0960-0477	REF OSC	2
10 OHM	RES	1
10-1020	FOOT	4
100291	METER	1
100297	CAP	8
10043765	LOCK KNOB	284

1004765	LOCK KNOB	2
100OHM	RES	4
100OHM 1/8W	RES	1
100OHM1/2W	RES	2
10396-7	METER MOVEMENT	1
10438	CASE	1
105-0423-00	SWITCH	1
105-0677-00	CAB LATCH	32
10544A	OSC	1
106928	FEET	1
10811-60111	OSC	1
109201	VAR RES	7
10MF25V	CAP	1
10MF50V	CAP 10MF	1
10OHM1/8W	RES	1
11043765	LOCK KNOB	2
110QD18-2	SLIDE ASSY	1
1120-0539	METER	4
1120-0696	METER	10
1120-1497	METER	2
11792-60012	RF SWITCH	1
119-0123-02	MODULE	1
119-0752-02	YIG	3
119-1007-01	MIXER	1
119-1007-09	ATTEN	35
119-1008-01	SOLENOID	11
119-1008-02	SOLENOID	1
119-1009-01	SOLENOID	1
119-1010-00	CCA	1
119-1010-02	PHASE GATE	1
119-1015-02	IF AMP	1
119-1017-00	BOARD	1
119-1017-01	MIXER	3
119-1017-02	MIXER	2
119-1023-02	3RD CONVERTER	2
119-1023-02	BRD CONVERTER	1
119-1061-01	LIMITER/MIXER	3
119-1069-01	PHASELOCK	1
119-1069-04	PHASELOCK	7
119-1131-01	2ND CONVRTR	1
119-1131-03	MODULE 2ND CONV	1
119-1131-04	2ND CONVRTR	1
119-1140-00	YIG FILTER	1
119-1579-01	3RD CONVERTER	2
119-2008-00	3RD CONVERTER	2
119-2102-00	FAN	1
119-2342-09	ATTEN	2

119-3564-00	FAN	1
119-4092-03	ATTEN	2
119-5039-00	FAN	18
119-5549-00	PWR SUP	1
120-1347-00	XFORMER	1
120-1401-00	TRANSFORMER	1
120-1437-00	XFORMER	1
120-1601-01	TRANSFORMER	1
120-1685-01	TRANSFORMER	7
1200-0666	SOCKET	4
120CF11305	HANDLE	1
1219-00-0055	IC3	2
12419	TRANS	1
1250-0118	CONN	1
1250-0254	CONNECTOR	1
1250-1220	RF CONN	1
1250-1811	CONNECTOR	1
1250-2191	INPUT ASSY	1
1250-2658	CONN	1
1251-1626	CONN	6
1251-2026	CONN	1
1251-2034	CONNECTOR	8
1251-2035	CONN	4
1251-2357	AC POWER CONN	3
1251-2571	CONNECTOR	7
1251-2582	CONNECTOR	4
1251-3677	JACK	48
1251-4573	CONN	3
1251-7585	JACK	8
12572	TRANSFORMER	2
127L-3W/G-20-60	SWITCHES	5
12AT7	TUBE	1
12AU7	TUBE	9
12AV7	TUBE	6
12AX7	TUBE	3
12AX7WA	TUBE	4
12AY7	TUBE	1
130-506	DIODE	1
130BXB31	CRT	1
130KOHM	RES	1
131-0126-00	CONN	1
131-0352-02	BNC REC	1
131-0679-01	CONN	1
131-0679-02	CONNECTOR	1
131-1758-11	CONTACTS	1
131-2063-00	CONNECTOR	11
131-2203-02	CONNECTOR	4

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

131-3731-00	CONN	2
140-XAL50V100	CAP	2
1420-0251	BATT	7
1420-0378	BATT	1
1430-0759	GEAR SPUR	3
1430-0763	GEAR SPUR	3
1430-0764	GEAR SPUR	1
1430-0773	GEAR SPUR	38
1430-0774	GEAR SPUR	12
1450-0048	LAMP	1
1458-0048	LAMP	1
146-0055-00	BATT	6
146-0075-00	BATT	1
147-0035-00	FAN MOTOR	2
147-0038-00	MOTOR	1
148-0174-00	RELAY	1
1490-0030	STAND	1
150 OHM	RES	1
150-0093-01	LAMP	6
150-0093-02	LAMP	14
150-0129-00	LAMP	2
150-0130-00	LAMP	2
150-1017-00	PWR IND LAMP	1
150OHM	RES	2
151-016400	TRANS	1
151-0192-00	TRANS	2
151-0199-00	TRANS	1
151-0271-00	TRANS	2
151-0271-05	TRANSISTOR	1
151-0301-00	TRANS	1
151-0347-00	TRANS	1
151-0350-00	TRANS	1
151-0369-00	TRANS	1
151-0426-00	TRANS	1
151-0429-00	A/B TIME SWITCH	1
151-0447-00	TRANS	1
151-0472-00	TRANS	2
151-0476-02	TRANS	2
151-0476-03	TRANS	2
151-0701-00	TRANS	1
151-0703-00	TRANS	3
151-0712-00	TRANSISTOR	3
151-0752-00	TRANS	2
151-0846-00	TRANS	2
151-0852-00	TRANS	7
151-1042-00	FETS	2
151-1090-01	TRANS	1

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

151-1124-00	FET	2
151-1125-00	FET	1
151-1151-00	TRANS	1
151-1197-00	TRANS	4
1510-21-4103	CAP	1
1518HM	HUMICAP	5
152-0040-00	DIODE	8
152-0141-02	DIODE	3
152-0217-00	DIODE	1
152-0242-00	DIODE	1
152-0309-00	DIODE	1
152-0357-00	DIODE	1
152-0400-00	DIODE	2
152-0414-00	DIODE	4
152-0501-00	TRANS	1
152-0791-00	HV MULTIPLIER	1
152-0946-00	DIODE	2
153-2235-03	CH 1 PRE AMP	1
154-0731-00	CRT	2
154-0731-04	CRT	1
154-0777-00	TUBE	1
154-0838-00	CRT	1
154-0905-00	CRT	1
154-0910-00	CRT	5
154-0970-01	CRT	1
155-0078-10	IC	1
155-0115-00	IC	4
155-0122-00	UNIT	1
155-0155-00	IC	2
155-0189-02	MIXER	15
155-0217-00	IC	1
155-0236-00	IC	2
155-0236-00	VERT CH SW	1
155-0237-00	IC	1
155-0239-02	TRIGGER CHIP	2
155-0242-01	Z AXIS IC	2
155-0273-00	IC	2
156-0067-00	IC	2
156-0388-03	IC	1
156-0789-00	SR3	1
156-1190-00	IC	1
156-1263-00	V REG	1
156-1294-00		1
		1
156-1627-00		2
156-2473-00	IC	1
156-2991-00	RAM IC	1

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

159-0059-00	FUSE	1
159-0169-00	FUSE	2
160-5063-09	ROM CHIP	1
160-5063-11	IC	1
1638HM	HUMICAP	1
164-1103	POST	2
164-11102	JACK	1
164-11103	BINDING POST	2
165-2232-01	CCA ATTEN	3
16685	PCB	2
17205	XFORMER	3
17280	FAN ASSY	2
17335	SENS ASSY	1
17355	SENS ASSY	3
17KOHM	RES	1
1813-0017	IC	2
1818-1768	IC	5
1819	LAMP	2
1820-0055	IC	1
1820-0175	IC	1
1820-0223	IC	4
1820-0439	IC	3
1820-0477	IC	4
1820-1112	IC	2
1820-1197	IC	2
1820-1315	IC	1
1820-1361	IC	1
1820-1934	IC	2
1820-2326	IC	1
1820-2921	IC	3
1820-2925	IC	1
1820-3079	IC	8
1820-3081	IC	4
1820-3082	IC	7
1820-3173	IC	1
1820-3294	IC	2
1820-3827	IC	1
18201199	IC	1
1826-0013	IC	3
1826-0059	IC	2
1826-0084	IC	2
1826-0139	IC	1
1826-0161	IC	2
1826-0177	IC	2
1826-0180	IC	1
1826-0393	IC	2
1826-0426	IC	1

1826-0547	IC	5
1826-0600	IC	2
1826-0624	IC	1
1826-0639	IC	3
1826-0735	IC	13
1826-0740	IC	2
1826-0779	IC	1
1826-0785	IC	1
1826-1019	IC	4
1826-1021	IC	4
1826-1071	IC	1
1826-1075	IC	2
1826-1076	IC	4
1826-1590	IC	2
1826-1692	IC	1
1826-1733	IC	6
1850-0098	TRANS	1
1853-0001	CAP	1
1853-0015	TRANS	1
1853-0016	TRANS	1
1853-0020	TRANS	1
1853-0224	TRANS	1
1853-0252	TRANS	1
1854-0003	TRANS	1
1854-0014	CAP	1
1854-0022	TRANS	1
1854-0232	TRANS	3
1854-0404	TRANS	4
1854-0635	TRANS	3
1854-0724	TRANSISTOR	1
1854-0944	TRANS	2
18F2638	CAP	2
18F2967	CAP	3
1901-0025	DIODE	2
1901-0030	DIODE	2
1901-0050	DIODE	2
1901-0518	DIODE	4
1901-0519	DIODE	4
1902-0632	DIODE	4
1902-0680	DIODE	4
1954-0810	TRANSISTOR	2
196D476X0035TE	CAP	2
1990-0050	DIODE	1
1990-0326	LED	2
1990-0330	DISPLAY LED	8
1990-0418	DISPLAY LED	1
1990-0531	DISPLAY LED	2

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

1G3GTA	TUBE	1
1GT1-2811	ATTEN	4
1GT1-2865	ATTEN	9
1K	RES	1
1K,5%	RES	1
1KOHM 1/8W	RES	2
1N3828A	DIODE	1
1N4001	DIODE	1
1N4004	DIODE	2
1N4005	DIODE	2
1N4148	DIODE	2
1N4152	DIODE	1
1N4372A	DIODE	1
1N4465	DIODE	1
1N4465A	DIODE	2
1N4733	DIODE	1
1N4752A	DIODE	2
1N4936	DIODE	7
1N5552	DIODE	4
1N752A	DIODE	1
1N753A	DIODE	3
1N914	IC	4
2.2KOHM	RES	2
2.2KOHM1/8W	RES	2
2.4KOHM	RES	4
2.7K OHM	RES	3
2.7KOHM1/8W	RES	2
200-0602-00	HANDLE COVER	31
200-1802-05	REAR SCOPE CVR	1
200-2622-00	CAP	6
200-3233-02	REAR COVER	4
200-3233-04	REAR COVER	3
2000052400	BATT COVER	1
20195	PCB	1
20285-001	PUSH BUTTN CVR	1
205 OHM	RES	51
2075179-0703	BROKEN SW	1
20879	DISPLAY	2
2090-0211	CRT ASSY	1
2090-0225	CRT	1
2090-0319	CRT	1
21-10003-0A	CRT	1
2100-0317	RES	1
2100-2849	VAR RES	1
2100-3592	VAR RES	2
2100-3857	VAR RES	2
2103913	CABLE ASSY	1

71098	KNOB	1
211-0008-00	SCREWS	3
2110-0002	FUSE	2
2110-01-1022	CONNECTOR	1
2110-0301	FUSE	1
2110-0424	FUSE	2
212-0560-00	SCREW	18
213-0227-00	SCREW	6
213-0858-00	SCREW	4
213-0918-00	SCREW	3
214-0516-00	SPRING	12
214-2292-04	SWITCH	1
214-3199-00	BUTTON	6
2140-0018	LAMP	1
2140-0043	LAMP	1
2140-0244	LAMP	5
2140-0427	LAMP	46
ZZZ0	KNOB	1
23-51103-010	MOTHERED	1
231-1845	SMHZ OSC	2
231-2737	80MHZ OSC	7
234-0238-20	IC	4
234-0239-31	A & B TRIG CHIP	3
234-028-20	IC	1
2356N	BATT PK	52
23642-551	IND CHOKE	2
23725-107R	BATT	15
23A-20K	VARRES	3
2408NL-04W-B40	FAN	8
245459	TRANS	2
25-10029-0F	T/DIV SW	1
25-10035-0A	CH 2 VERT SW	1
25-10039-0A	CH 1 VERT SW	2
2500-0001-16	PLAST BASE PLATE	1
25100480A	CH 1 V/DIV SW	2
260-1208-00	SWITCH	1
260-2023-00	T/DIV SW	1
260-2023-07	T/DIV SW	3
260-2023-03	T/DIV SW	2
260-2033-03	T/DIV SW	1
263-0054-02	SWITCH	3
263-0054-XX	SWITCH	1
263-1110-00	T/DIV SW	2
26415-801	CAP	1
26531-114	CAP	1
26582-206	CAP	2
26582-490	CAP	1

266-2089-00	KNOB	1
269431-F2	SWITCH	1
27-50004-720	BACKPANEL	5
270OHM	RES	1
27283713	SWITCH	1
273.2	FUSE	3
270 OHM 1/4W	RESISTOR	1
281-0221-00	CAP	1
281-0534-00	CAP	1
281-0775-00	CAP	1
281-0909-00	CAP	1
28231-402	MOD CRT	1
283-0057-00	CAP	4
283-0414-01	CAP	1
28458-690	TRANS	2
28461-495J	AUDIO AMP	1
28469-198Y	IC	1
28487-811H	TRANS	
285-0932-00	[illegible]	
285-1099-00	CAP	
285-1101-00	CAP	1
28531-002	MIXER	1
28624-308W	DISPLAY	2
288324	TRANS	2
290-0117-00	CAP	7
290-0159-00	CAP	1
290-0508-01	CAP	28
290-0571-00	CAP	10
290-0584-00	CAP	2
290-0586-01	CAP	7
290-0638-00	CAP	1
290-0716-00	CAP	1
290-0758-00	CAP	41
290-0768-00	CAP	2
290-0788-00	CAP	2
290-0852-00	CAP	11
290-0922-00	CAP	1
290-0945-00	FILTER CAPS	26
290-0947-00	CAP	1
290-0978-00	CAP	1
290-2	ATTEN	1
29646	PWR SUP	1
297-1202	RES	1
298510-001	TOP COVER	1
298665REVB	CKT BRD	1
2A1W19	CABLE ASSY	1
2C500F	CHIP RES	4

2N1183	TRANS	1
2N1711	TRANS	4
2N2219A	TRANS	4
2N2222A	TRANS	50
2N2369	TRANS	3
2N2857	TRANS	3
2N2904	TRANS	1
2N2905	TRANS	2
2N2907A	TRANS	72
2N3055	TRANS	6
2N3640	TRANS	1
2N3643	TRANS	1
2N3644	TRANS	1
2N3704	TRANS	2
2N3823	FET	10
2N3866	TRANS	6
2N3866A	TRANS	3
2N3903A	TRANS	5
2N3905	TRANS	10
2N3906	TRANS	2
2N3958	TRANS	2
2N4122	TRANS	2
2N4124	TRANS	1
2N4126	TRANS	1
2N4258	TRANS	1
2N4403	TRANS	1
2N4416	TRANS	10
2N4416A	TRANS	2
2N4921	TRANS	1
2N5087	TRANS	4
2N5089	TRANS	1
2N5179	TRANS	5
2N5190	TRANS	18
2N5193	TRANS	5
2N5294	TRANS	1
2N5459	TRANS	4
2N5484	TRANS	2
2N5545	TRANS	8
2N5912	TRANS	1
2N708	TRANS	3
2N834	TRANS	2
2N918	TRANS	1
30-00260-010	TRANSFORMER	1
30-00336-010	TRANSFORMER	1
301301560	CAP	1
307-1013-00	X10 ATTEN	2
307-1013-04	X10 ATTEN	3

307-1014-00	X100 ATTEN	1
307-1014-01	ATTEN	2
307-1014-04	ATTEN	2
307-1014-06	CH1 100X ATTEN	1
307-1133-02	ATTEN	1
307-2135-00	ATTEN	3
307-2135-03	ATTEN	4
308640-20250	ROTOR SWITCH	1
31-11	CONNECTOR	2
31-211	CONNECTOR	5
310003350	CAP	2
3101-0499	SWITCH	7
3101-0851	BUTTON	2
3101-1395	SW	1
3101-1728	SWITCH	3
3101-1729	RF KNOB	1
3101-1940	SWITCH	1
3101-2124	SWITCH	1
3101-2125	SWITCH	1
3101-2359	LINE IND	1
3101-2391	SWITCH	2
310802263	CAP	1
311-0328-00	CONTROL DIAL	1
311-1183-01	POT	1
311-1192-00	RES VAR	3
311-1311-00	RES, VAR	1
311-1374-00	VAR RES	2
311-1411-00	RES VAR	1
311-1430-00	RES, VAR	1
311-1557-00	VAR RES	1
311-1560-00	RES, VAR	2
311-1561-00	VAR RES	3
311-1727-00	VAR RES	1
311-1729-00	VAR RES	2
311-1783-00	50K OHM VAR RES	2
311-1933-00	POT	1
311-2146-00	POT	1
311-2151-00	POT	1
311-2174-01	INTENSITY POT	1
311-2178-00	VAR POT	1
311-2218-00	VAR POT	6
31206-7	BRIGHT UP AMP	1
315-0062-00	RESISTOR	1
315-0510-00	RES	1
315-0620-00	RES	9
315-0620-02	RES	1
3150-0203	FILTER	2

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

3192BC342T030ALA	CAP	1
3192BC342TOALA	CAP	1
322-134-40534	LAMP	1
330761	CAP	1
33322H	ATTEN	1
334-3000-00	NAME PLATE	2
334-4661-00	MARKER	6
3342801	OSC	1
337-2122-00	SHIELD IMP BLUE	1
3386P-1-203	RES VAR	1
33OHM	RES	1
344-0132-00	CLIP	14
34401-49311	WINDOW FRONT	1
348-0080-01	FOOT	110
348-0434-00	FOOT	29
352-0329-00	LAMP HOLDER	1
352-226	TRANS	1
354-0553-00	RET RINGS	6
35904460	COVER	2
35906-798	COVER	1
35F1604	HOLDER	5
35F1605	HOLDER	2
366-1031-02	RED KNOB	5
366-1722-00	KNOB	2
366-1722-01	KNOB	26
366-1838-01	KNOB	2
366-2013-00	PUSH BUTTON	1
366-2089-00	KNOB	1
366-2148-01	KNOB	2
367-0195-00	HANDLE	3
367-0233-00	HANDLE	3
367-0306-01	HANDLE	4
369-0031-00	FAN IMPELLER	1
36D362G040AB2A	CAP	1
36EN2113	NEON BULB	1
37490-718	FILTERS	3
375-0127-00	SHAFT COUPLING	1
37590-223	STUB NYLON	4
37590-681	FOOT	8
376-0051-00	SHAFT COUPLING	2
376-0051-01	COUPLING	1
376-0127-00	COUPLER, SHAFT	2
376-0130-00	SHAFT	1
377-2122-01	SHIELD	1
378-0728-00	REFLECTOR	1
380-0668-00	HOUSING	1
384-1311-01	EXT SHAFT	2

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

384-1350-02	KNOB	4
385732	CRYSTAL	11
386-3156-00	BRACKET	1
390-0449-02	TOP CASE	2
3910-2254-00	CRT	1
39843	FET	2
3AG	FUSE	2
401-182	RF SW	41
402743	IC	1
4036637	OSC	1
4036637-0703	CRYSTAL OSC	4
4037330-0704	METER	1
4116R002-102S	IC	1
4116R00Z-102S	IC	1
418582	DIODES	1
41B030CE00201	BATT	3
420100101	XFORMER	2
4210-4E-S/2	SENSOR	14
4220-091	METER	26
4220-098	GASKETS	34
422980	CAP	2
422U11133	PCB	1
4240-062	CONN	23
4240-063	CONN	23
430OHM 1/4W	RES	1
43137-801	CABLE	1
43138-437	CABLE ASSY	1
436840	CAP	1
4391-005	INPUT ASSY	3
4391-007	PROC ASSY	1
43H25348	EXTENSION	1
43H30841C	DISPLAY FILTER	1
43OHM1/8W	RES	1
44/100	FUSE	1
441-1259-03	SCOPE CHASSIS	1
4410A261	GASKET	11
4429-1100	CASE	2
44338-163	MODULE	1
44429-039	ATTEN	1
44429-080	ATTEN	1
44429/081	ATTEN	1
44533-153	IC	1
44829-526B	CCA	1
44829-645	POWER SUP	1
44829-645F	P/S	1
44830-105X	RF DRIVER	1
44830-112B	1ST LO	3

44830-163	CCA	1
44830/104	CCA	1
44830/104P	RF OSC	1
44830/111R	1ST LO	1
44830/112	CCA	1
44830/113K	FRAC N	1
44830/163	INPUT MOD	1
44830/180	AUD PROC	2
44830/226	A-11 INPUT ASSY	2
44990-377	OSC	1
44990-901	INPUT ASSY	1
44990-998	MODULE	3
44990/901	INPUT ASSY	1
44991-132	POWERLOAD	2
44991-132S	POWERLOAD	1
454355	FOOT	2
454621	FOOT	2
455521	CURS POSN SW	1
456058	CRT BEZEL	1
456212	FILTER	1
46313LDR	SWITCH	1
4700-51	DUMMY LOAD	6
4730014-00	TRANS	3
474353	BATT	5
474569	BATT PK	20
477562	DISPLAY	11
478396	FRONT PANEL	1
479964	CONDITIONER	1
486514	TRANSFORMER	1
489302	COVER	2
49.9KOHM	RES	2
4A250	AC PLUG	2
5-040	FEET	36
5-1388	FEET	64
5.1OHM	RES	4
5.1OHM1/8W	RES	2
50-50P	CAP	1
5000-0051	TRIM STRIP	19
5020-3440	SPRING, DETENT	13
5021-8405	FRONT FRAME	2
5028-2811	IC	2
502OHM	RES	1
5040-0388	BUTTON	2
5040-0390	BUTTON	1
5040-0447	FOOT	21
5040-4470	HANDLE	3
5040-4471	FOOT	1

5040-7202	TRIM	6
5040-7203	TRIM	6
5040-8801	FOOT	4
5041-0727	KEY	1
5041-8801	FOOT	39
	TRIM	2
50423802	CRT	1
50423	CONNECTOR	2
5060-0732	HANDLE	1
5060-0767		97
5060-9436	SWITCHES	5
5061-5315	HEATER ASSY	1
5062-3990	HANDLE KIT	2
5081-3022	IC	1
5082-0112	DIODE	3
5082-0151	DIODE	1
5082-2787	DIODES	55
5082-2810	DIODE	44
5082-2811	DIODE	4
5082-7730	CAP	1
5086-2380	ATTEN	1
5086-2389	ATTEN	1
5086-6539	SWITCH	1
5086-6838	MIXER	3
5086-7539	SWITCH	1
5086-7744	DIST AMP	1
5086-7783	ATTEN	2
5086-7796	ATTEN	46
5086-7838	DUAL MIXER	4
5086-7850	MODULE	1
50DV100-079	ATTEN	2
50KOHM	RES	1
50OHM	RES	1
50R-033	ATTEN	1
5109-00-0004	SWITCH	1
5115-18-.010	RET RINGS	7
51OHM	RES	1
5260-0700	FOOT	9
52OHM	RES	1
532-56	POTENTIOMETER	1
5322-414-20482	PUSHBUTTON MAT	1
5322-459-50571	SCREEN BEZEL	1
5322-535-91585	SHAFT	1
53D113G025JP6	CAP	1
5400DMQB	IC	1
5401DMQB	IC	1
5402DMQB	IC	4

5404DMQB	IC	1
5404J	IC	1
5406	IC	4
5406DMQB	IC	1
5412DMQB	IC	1
5414DMQB	IC	2
54165DMQB	IC	2
54197	IC	1
543520	VAR CAP	3
5474DMQB	IC	3
5474J	IC	1
54LS190J	IC	1
54S74J	IC	1
5520-5420	KNOB	1
554000001	TRANS	1
560OHM	RES	1
5654W	TUBE	2
5660-60121	ATTEN	1
5730-1280	METER	16
5750	TUBE	1
5803	ATTENUATOR	1
5837	KLYSTRON	1
590 OHM	RES	1
590-0508-01	CAP	1
5977-4	CAP	1
5OHM	RES	1
600 OHM 1/2W 1%	RESISTOR	1
60D5F05K	DISPLAY	4
60D5F05K2	DISPLAY	1
614-0448-00	SW FPNL	2
614-0972-00	FRNT PNL	1
616-7-1	SWITCH	1
635	METER	2
635800901	SWITCH	2
640-0071-01	DISPLAY MOD	3
640-0071-07	DISPLAY MOD	4
640-0079-04	DISPLAY	1
644-0163-08	VR ASSY	3
644-0531-00	CCA	1
650-0296-00	2ND LO	1
650-0736-03	2ND LO	1
650-3199-00	PWR SUPP	1
652201700	AC PLUG	1
664-0163-07	CCA	1
670-3551-02	CKT BRD	2
670-4848-00	B TIMING CKT BRD	2
670-4849-00	VERT BRD	1

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY *2000*

670-5523-02	CCA	1
670-5524-00	BOARD	1
670-553-00	CCA	1
670-5543-03	CCA	1
670-5544-00	BOARD	1
670-5548-03	CCA	1
670-5550-01	SPAN ATTEN	1
670-5552-03	CCA	1
670-5554-02	POWER SUP	1
670-5564-02	POWER SUP	9
670-5564-03	PWR SUP	1
670-5564-05	PWR SUP	2
670-5564-XX	POWER SUPPLY	1
670-8036-04	POWER SUP	2
670-8405-00	TIMING BRD	1
670-8407-00	ALT SWP BRD	1
670-9099-02	CCA	1
670-9398-04	FPNL	1
670-9398-04	PWR SUPPLY	1
670-9399-01	FPNL	3
670-9399-01	SW ASSY BRD	1
670-9806-00	GPIB CONN	1
670-9948-05	CCA	1
671-0372-02	CCA	1
671-0965-00	CNTRL CRD ASSY	1
671-2771-04	PROC BRD	2
671-2903-01	ACQ BRD	1
671-3918-01	ATTN CKT BRD	1
672-0254-01	PROC BRD	1
671-0613-00	UNIT	1
672-1037-11	REGULATOR	1
672-1037-16	PWR SUPPLY	2
68-6	CAP	1
698233	TRANS	2
6AF4	TUBE	2
6AK5	TUBE	5
6BE6	TUBE	1
6BL6	TUBE	15
6BM6	TUBE	1
6CAT	TUBE	1
6X4WA	TUBE	8
7.5K OHM	RES	2
7005-5740-700	PROC BRD	1
7005-6140-400	PWR SUP	2
7005-7624-500	BATT	8
7010-5235-200	PWR CCA	1
7101SYCQE	SWITCH	4

7101SYZQE	SWITCH	13
71CM150HC681	CAP	1
7201	SWITCH	14
7220	LAMP	1
7222256	TRANS	1
7301SYZQE	SWITCH	2
74LS123	IC	1
7524-19	RES	1
7524-34	RES	1
75OHM	RES	1
75OHM 1W	RES	2
76-235362	RES.VAR	2
761-00003-00	BANDPASS FILTER	3
763	BATTERY	4
77-2602	RELAY.RF	3
773226	TRANS	1
7812KC	REG	1
7890-4020	SWITCH	1
78L05	TRANS	1
8000-2084-01	SW.ASSY	1
8020001056-1	CCA DISP	1
8030005573-1	VFO-CCA	1
8030005597-1	SPLTR/FILTR	1
8030005646-1	BACK TO BACK CCA	7
8030005650-1	FM SIG DET. CCA	3
8120-1891	CONN	1
8180000961-1	RETROFIT KIT	3
820OHM	RES	3
8220-1136-05	BATT.ASSY	1
8225	SWITCH	2
826214	INPUT.RECEPT	1
829929	INPUT	1
835488	WINDOW	1
835496	FACEPLATE	1
83595-60019	ATTEN	1
836500001	FOOT	3
836500200	FOOT	6
83731-60109	ALC CCA	1
8410-0410	BATT.PK	5
8430-S104D	PULSE MOD	1
845052	TRANS	1
8498A	ATTEN	1
8500-0700-39	CASE	6
8500N	FAN	2
85081A	VECTOR VTM PI	2
85081B	RF PI	4
85082A	50 OHM PI	7

85660-00113	FRNT PNL	1
85660-20101	JUMPER	1
85660-60228	SW RF KIT	1
85662-60238	CRT KIT	1
8580-003	HANDLE	21
8580A-003	HANDLE	3
861146	TRIM STRIP	2
861161	HANDLE	2
86701-60095	NEG REG CCA	1
87F5345	FUSE	3
8800-0002-38	BATT PK	1
8800-0002-39	BATT PK	72
8800-0002-40	BATT PK	73
8800-1100-00	TX BOARD	3
8800-1102-00	TX BOARD	1
8800-1104-00	PWR SUP	2
8800-1104-ED	P/S	1
8800-1108-00	RX BRD	1
8803300016-2	ATTEN	3
8846H	CAP	2
8B287	ROTARY SW	1
9 VOLT	BATT	10
900.115	RF BOARD	1
900000601	METER	22
900101300	METER	2
9012-100-0006	RFI FILTER	2
91-12?	CABLE	3
91-12F	PROBE	3
91-6C	ADAPTER	3
91-8B	TERMINATION	3
9100-4024	TRANSFORMER	4
9100-4205	TRANSFORMER	1
9100-4661	TRANSFORMER	1
917010-1	DISPLAY	1
91AR100K	VAR RES	1
924639	XYZ AMP	1
926000015	SPEAKER	4
92F192ALA	CAP	8
92N4365	BATT HOLDER	10
9300DMB	IC	1
9300DMQB	IC	2
93S10DMQ	IC	1
9410-2	VAR CAP	2
9446-096-25001	C CHANNEL	1
94F3720	CAP	4
9602DMQB	IC	5
9602N	IC	1

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY 2000

960ZDMQB	IC	1
9620	BATT	1
A-20	TRANS	1
A-50821-C-6382	SYNTH ASSY	1
A-50821-C-8048	RF ATTEN	1
A004400138	HANDLE	2
A1H	LIGHT	1
AD7533	IC	1
AD7533KN	IC	1
AGC1/2	FUSE	1
AGC1/4	FUSE	6
AGC2	FUSE	19
AGC3/8	FUSE	1
AL80	RF SAMPLER	2
ALSR1F-1.1K	RES	2
AV2018	BATT PK	13
B19805	XFORMER	1
BC182B	TRANS	1
BD-38000-0269A	PWR SUP,PCB	1
BR2325	BATT	9
BR250-50	CAP	1
BS NO.2	KNOB	1
C7A	LAMP	3
CA3029	IC	1
CA3046	IC	4
CA3102E	IC	1
CA3146E	IC	1
CD4013	IC	1
CD4016AD3	IC	1
CD4017BE	IC	1
CD4020BE	IC	1
CD4029AD	IC	1
CD4029BE	IC	1
CD4042BE	IC	1
CD4049	IC	1
CK05BX151K	CAP	1
CK62Y4722	CAP	1
CM05FD12LG	CAP	1
CR1425OSE	BATT	1
D CELL	BATT	55
D39038R5	A4 200MHZ AMP	1
D40K2	TRANS	1
D46233	CAP	2
DM00H00J	IC	1
DM5401J	IC	2
DM5402	IC	1
DM5427	IC	1

TECHNICAL EXHIBIT 3
PARTS UTILIZED 1 AUGUST 1999 - 31 JULY *2000*

DM9602	IC	1
DP32-130	DIODE	4
ED-1104-00	P/S	2
F54197	IC	2
F7264A	FOOT	12
F9410-6	PROCESSOR ED	1
FDD	FLOPPY DISK DR	1
FDD 0	FDD 0	1
FDD"0"	FDD"0"	1
FDD"1"	FDD"1"	1
FDD'S	FDD 1 & 0	1
FHL17G1	FUSE HOLDER	1
FOOT	FOOT	1
FPN4917	TRANS	1
G-124	SWITCH	1
GMW2A	FUSE	9
GMW3/4A	FUSE	3
GMW3A	FUSE	9
HANDLE	HANDLE	2
HANDLE STEPPER	HANDLE STEPPER	2
HDD	HARD DISK DR	1
HL17G1	FUSE HOLDER	1
IC	5410DMQB	1
IS0905	SWITCH	1
IUP4U	KNOB	1
J1	CONN	1
J304	FET	1
JAN5837	TUBE	1
KEYBOARD CABLE	KEYBOARD CABLE	1
KR2000C	BATT	26
L2238.1.6A	FUSE	1
LF353	DIODE	1
LM109	REG	1
LM109K	VOLT REG	3
LM139J	IC	1
LM1458N	IC	1
LM211H	IC	1
LM223K883B	REGULATOR	2
LM301AH	IC	2
LM301AN	IC	2
LM309K	+12V REG	3
LM311H	IC	1
LM317T	TRANS	1
LM318H-ND	IC	1
LM324N	IC	1
LM340-K	VOLTAGE REG	1
LM723CH	IC	1

LM741CP/N	IC	8
LM741CP\N	IC	2
LXD60D5FOSK	DISPLAY	1
M15098 11-01C7A	NEOL LAMP	1
M1H	MODULE	1
M28777/1-1	PWR CABLEASSY	6
M39003-01-2988	CAP	1
M39003-01-3009	CAP	2
M39003-01-3094J	CAP 10MF	1
M39003/01-6194	CAP	2
M39012/18-0101	BNC CONN	4
M39014-01-1391	CAPACITOR	1
M39014-01-1397	CAP	1
M39018-03-0731	CAP	10
M591528	KNOB	5
MC-1 600OHM	RES	1
MC-1 590 OHM	RES	2
MC-1 600	RES	1
MC10109P	IC	2
MC12061P	IC	2
MC14520	IC	1
MC1458P1	TRANS	1
MC1458P1	IC	3
MC1648P	IC	3
MC1662L	IC	1
MDL1	FUSE	3
MDL1 1/4A	FUSE	1
MDL1 6110	FUSE	1
MDL1/10	FUSE	5
MDL1/4	FUSE	6
MDL101/2	FUSE	1
MDL2	FUSE	34
MDL3	FUSE	2
MDL3/10	FUSE	36
MJ16012	TRANS	2
MJE2955	TRANS	2
MOD 49	VHF MOD	2
MP3	HANDLE RATCHET	3
MPS6519	TRANS	3
MR107720-40AT	SWITCH	1
MS24523-23	SWITCH	2
MS91528-1E2B	KNOB	3
MS91528-1F2BC	KNOB	1
MT7300565	HANDLE ASSY	1
MTP476M060PIC	CAP	1
N-025	KNOB	9
NE3.3	CAP	3

NE531N	IC	4
NEV1000M35	CAP	19
NEV1000MF35V	CAP	1
NL5859S	NIXIE TUBE	6
NLW50-25	CAP	5
NTE459	FET	1
OB2WA	TUBE	22
OC1B	KNOB	32
P-1104-00/D	PWR SUP	1
PM9086/011	BATT PK	3
PS1219	BATT	283
PS626	BATT	142
Q440	SWITCH	3
RCR07G100JS	RES	2
RCR07G101JS	RES	1
RCR07G183J8	RES	1
RCR07G201JS	RES	2
RCR07G221JS	RES	1
RCR07G222JS	RES	3
RCR07G242JS	RES	10
RCR07G472JS	RES	1
RCR07G510IS	RES	1
RCR07G5R1JS	RES	10
RCR07G750IS	RES	1
RCR07G821JS	RES	4
RJ24CX103	VAR RES	1
RNC65K3480FS	RES	1
RSA10M25	CAP	2
RV4NAYSD102A	VAR RES	1
RVNAY5D252A	VAR RES	1
S-1-30	POWER SW	1
S-2881	RF SW	1
S101	SWITCH	1
S12448	METER	2
SCE-1	DIODE	2
SCREW	SCREW	1
SG7912	REGULATOR	2
SK25-447-3+8	METER	1
SK9148	TRANS	2
SN54LS196J	IC	8
SN7404	IC	1
SN74123N	IC	1
SN74141N	IC	1
SN74157	IC	1
SN74165N	IC	6
SN7473N	IC	2
SN7474	IC	1

SN7490N	IC	1
SN74LS240N	IC	1
SN74LS290N	IC	1
SNC5414J	IC	1
SNC54190I	IC	1
SNC54196	IC	1
SNC5422J	IC	1
SNC54S74J	IC	1
SNC57197	IC	3
SNC74160	IC	2
SNC74196	IC	1
SOURCE ASSY	08753-69003	1
T330C226K015AS	CAP	1
T369A104K050AS	CAP	1
TE1211	CAP100MF	7
TE1213	CAP	4
TIME DELAY DIAL	TIME DELAY DIAL	1
TIP29A	TRANS	2
TIP32	TRANS	2
TIS75	TRANS	1
TMS9914ANL	IC	1
TN-1274	XFORMER	1
TYPE 635	METER	1
U1897E	FET	1
U5R7723393	IC	1
U6P	COIL	1
UA741CN	IC	1
UA741CP/N	IC	5
UA741CS	IC	2
UA747CN	IC	31
UA7812KC	REGULATOR	1
UC1705J/883B	I.C.	16
UP121M	AC PLUG	1
US747CN	IC	1
VM168	DIODE MULTI	13
VR305	VAR RES	1
VTL47S35	CAP	6
VTL4R7S35	CAP	3
W28624/308	DISPLAY	1
WIRE	WIRE	1
XR2206N	IC	1
Z80	CPU	1
GRAND TOTAL		5834

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
POWER SENSOR	8481A	HP	2237A35134	612.3
POWER SENSOR	8484A	HP	1635A02106	825
COUNTER TIMER	DC505A	TEK	B011396	1700
PLUGIN DMM	DM502	TEK	B028682	375
DEKABOX RESISTANCE (1-302	DB655	ELECT SCIE	245-1/15689	225
FIXTURE CALIBRATION EXTEN	067-0589-00	TEK	B022008	450
STANDARD "Q"	518A	BOONTON	1148	250
DETECTOR	8473C	HP	1822A03439	360
DETECTOR	8473C	HP	1822A03418	360
TIME MARK GENERATOR	TG501	TEK	B033811	1325
TESTER LOGIC W/01	5011T	HP	1424A06424	725
POWER SPLITTER	1506N	WEINSCHEL	N4816	450
POWER SPLITTER	1506N	WEINSCHEL	X1630	450
POWER SPLITTER	1506A	WEINSCHEL	AG3531	246.47
THERMAL CONVERTER	1395A-1	BALLANTINE	4427	493
THERMAL CONVERTER	1395A-1	BALLANTINE	4430	493
VHF ATTENUATOR	355D	HP	1204A27836	645
VHF ATTENUATOR	355C	HP	1203A20804	645
VHF ATTENUATOR	355C	HP	1203A28401	645
VHF ATTENUATOR	355C	HP	1203A28406	645
POWER SENSOR	8485D	HP	2915A00451	1450
PRECISION ATTN MSRMT RCVR	1295	MICROTEL	477	43912
FREQUENCY SYNTH	FS-1000	MICROTEL	202	25850
OSCILLOSCOPE	54645A/E01	HP	US38060554	3123
DIRECTIONAL COUPLER	3044B-30	NARDA	5011	432.05
OSCILLOSCOPE DIG 100MHZ	1980A	HP	2403A00236	18263
ATTENUATOR SET	AS-6A	WEINSCHEL	851	227.52
VSWR BRIDGE	60N50	WILTRON	20019	800
DUMMY LOAD ELECTRONIC	26N50	WILTRON	101009	450
DUMMY LOAD ELECTRONIC	26NF50	WILTRON	2053	450
SURFACE PLATE 2'X3'	B GRADE	CHALLENGE	1021	500
POWER SPLITTER 50 OHM/1.3	11850A	HP	762	900
MAINFRAME POWER MODULE	TM501	TEK	B062500	270
MAINFRAME POWER MODULE	TM503	TEK	B116769	290.98
MAINFRAME POWER MODULE	TM503	TEK	B105550	290.98
MAINFRAME POWER MODULE	TM503	TEK	B116780	290.98
MAINFRAME POWER MODULE	TM503	TEK	B112328	290.98
MAINFRAME POWER MODULE	TM504	TEK	B019193	290
MAINFRAME POWER MODULE	TM504	TEK	B025345	290
MAINFRAME POWER MODULE	TM504	TEK	B025446	290
MAINFRAME POWER MODULE	TM504	TEK	B025406	290
BUFFER	Q18	PONSELL	5543	95
PLUGIN UNIT NBS FREQ STD	8163	SPECTRACOM	8163-0448	1015.42
COMPARATOR LOGIC	10529A	HP	2204A25471	759.6
MICROPOTENTIOMETER 50ma	440-50	BALLANTINE	2052	720
MICROPOTENTIOMETER .05ma	440-05	BALLANTINE	2132	700
POWER SENSOR	8484A	HP	1916A04347	1038
CALIPER, VERNIER	GGG-C-111	FOWLER	260-1	200
CAPACITANCE STANDARD	1401A	GEN RADIO	4060	300
CAPACITANCE STANDARD	1401B	GEN RADIO	3776	300
CAPACITANCE STANDARD	1401C	GEN RADIO	4264	300

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	/MODEL	MANUFACTURER	SER_NO	/COST
CAPACITANCE STANDARD	1401D	GEN RADIO	3807	1300
MINI SHOP TOOL	600	WELLER		75
CRYSTAL DETECTOR	S424A	HP	4649	475
DIRECTIONAL COUPLER	766D	HP	1447	750
CALIBRATION FIXTURE	067-0655-00	TEK	B030793	500
METER POWER	438A OPT002	HP	2634A03676	4900
METER POWER	438A OPT002	HP	2634A02944	4900
METER	87	FLUKE	65070605	285
METER	87	FLUKE	64920179	285
METER	87	FLUKE	64920172	285
METER	87	FLUKE	66730053	285
METER	87	FLUKE	66730059	285
METER	87	FLUKE	66730058	285
METER	87	FLUKE	66730128	285
DIRECTIONAL COUPLER	3043-20	NARDA	349	383
VHF ATTENUATOR	355C	HP	1203A26171	645
GENERATOR	8620A	HP	1306A01251	3420
PLUGIN ELECTRONIC	86220A	HP	1319A00510	3075
METER	87	FLUKE	66730055	285
METER	87	FLUKE	66730060	285
RESISTANCE STANDARD	4045B	LEEDS&NORT	1887757	700
RESISTANCE STANDARD	4050B	LEEDS&NORT	1887713	700
RESISTANCE STANDARD	601235	GRAY	35021	700
RESISTANCE STANDARD	601230	GRAY	30481	700
RESISTANCE STANDARD	.01 OHM	GRAY	30224	700
RESISTANCE STANDARD	.001 OHM	GRAY	30234	700
RESISTANCE STANDARD	E-1247	GRAY	17733	700
RESISTANCE STANDARD	1000 OHMS	GRAY	17575	700
RESISTANCE STANDARD	100 OHMS	IND INSTR	1123	700
METER	87	FLUKE	66730054	285
SENSOR	6910	MARCONI	953316/012	961
MULTIMETER	630-NA	TRIPLET	260-4	200
METER	NAUS 80	ROHDE/SCHW	870223/089	1125
TEST ADJUST MODULE	85629B	HP	3039A00942	2390
MULTIMETER	630-NA	TRIPLET	260-7	200
ECHO ADV IMP SIM	5151	PTT	8811010	4495
METER, PK PWR	8501	WAVETEK	1818882	15950
RESISTANCE STANDARD	100 OHM	IND INSTR	1141	700
RESISTANCE STANDARD	100 OHM	IND INSTR	1101	700
RESISTANCE STANDARD	10 OHM	IND INSTR	1153	700
THOMAS ▌ OHM STAND RES	4210	LEEDS&NORT	1854108	700
RESISTANCE STANDARD	100 OHM	IND INSTR	1103	700
RESISTANCE STANDARD	10 OHM	IND INSTR	1150	700
RESISTANCE STANDARD	10 OHM	GRAY	17676	700
RESISTANCE STANDARD	100 OHM	GRAY	17700	700
GENERATOR 2 GHZ	6062A 130	FLUKE	5105401	13975
DUMMY LOAD	81B	BIRD	3T11	250
POWER SENSOR	8481D	HP	2928A00297	900
VERIFICATION KIT	11574A	HP	2605	900
ATTENUATOR SET	85031A	HP	2903	1200
ATTENUATOR SET	85031A	HP	2904	1200

TECHNICAL EXHIBIT **4**

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
DIRECTIONAL COUPLER	3045C-30	NARDA	40207	718.15
MAINFRAME POWER MODULE	TM504	TEK	B025347	200
CURRENT PROBE	P6015	TEK	260-1	1090
ATTENUATOR	757-20	NARDA	1981	800
CAPACITANCE STANDARD	722-N	GEN RADIO	1065	700
GRID DIP METER	90651-A	MILLEN	1503	1100
DIRECTIONAL COUPLER	3042B-30	NARDA	7023	575.17
METER POWER	436A	HP	1725A02114	2900
METER PEAK POWER	8900C	HP	2131A00304	1950
SENSOR PEAK POWER	84811A	HP	2131A00587	1000
SENSOR POWER	8482A	HP	2652A18278	612
SENSOR POWER	8481A	HP	2237A32098	590
INDICATOR DISTORTION	478A-3	COLLINS	1081	6734
SENSOR PEAK POWER	84811A	HP	2131A00619	1000
CONTROLLER PRESSURE 2R	2R-40A	HASS INSTR	448	3500
POWER SUPPLY	6177C	HP	1707A00363	638.55
POWER SUPPLY	724BR	HP	NONE	1500
TRANSFORMER RATIO	RT5	SINGER	2508	465.77
GENERATOR	68369	WILTRON	971610	22518
VOLT SOURCE HIGH PRECISIO	4180	FLUKE	2705006	3640.87
AMPLIFIER DISTRIBUTION	5087A	HP	1320A00445	986.1
VOLTMETER DC DIFFERENTIAL	885AB	FLUKE	851	1160
PLUGIN SAMPLING SWEEP	7T11	TEK	B201805	2134
CAPACITOR STANDARD	SC1000	ELECT SCIE	2442	970
CAPACITANCE MEASURING SYS	701	ELECT SCIE	719002	6815
TRACKER	2000	HUNTRON	2291686	1299
ANALYZER, AUDIO	8903A	HP	3729A17227	6859
COMPARATOR DC RESIST BRID	9975	GUILDLINE	42390	16025
CAPACITOR STANDARD 1.0 UF	1409-Y	GEN RADIO	4232	147.57
INDUCTOR STANDARD 500 UH	1482-D	GEN RADIO	8441	147.2
STANDARD TRANSPORT RESIS	SR104	ELECT SCIE	806042	1212.5
STANDARD CELL ENCLOSURE	9154D	GUILDLINE	42885	2155
THERMAL STANDARD TRANSFER	540B	FLUKE	815012	1833.41
SOLID STATE PWR AMP,10W	LAB1-912-10A	MICROWAVE	1000	10300
PLUGIN SAMPLING VERTICAL	7S11	TEK	B102409	727.5
SAMPLING HEAD	S2	TEK	B072729	557.75
PLUGIN UNIT	7M11	TEK	B021114	435.38
PLUGIN SAMPLING SWEEP	7T11	TEK	B212280	2394.57
PLUGIN UNIT	7A26	TEK	B192286	1281.94
BAROMETER MICRMETER MS3	MS3V3111	HASS INSTR	3375	4250
BAROMETER	A1KP3113	HASS INSTR	3376	3090
DIVIDER HIGH VOLTAGE	8.00E+11	FLUKE	2450000	739.6
TEST SYSTEM FREQ MGNT	358-11	ASTRO	43	2095
DIVIDER PRECISION	067-050-300	TEK	1069	501
DIVIDER CLOCK	115BR	HP	320-00163	2750
PLUGIN COMPARATOR 100 MHZ	7A13	TEK	B238032	1838.25
SHUNT AC CURRENT	A40-2A	FLUKE	2605007	364.09
SHUNT AC CURRENT	A40.2A	FLUKE	2640000	364.09
CONVERTER THERMAL	A55-3V	FLUKE	775007	300
GENERATOR, SIGNAL	3325	HP	2847A13467	7334
DIRECTIONAL COUPLER	3044B-20	NARDA	5023	788.33

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
GENERATOR FREQUENCY	8406A	HP	1711A01622	864.5
OSCILLATOR CRYSTAL FREQ	1250A	AUSTRON	1178BN	14475
DISPLAY DASI REMOTE		SPERRY	D-443-74	974
COMPUTER FREQ MEASUREMENT	358FMC	ASTRO	69	2506.17
POWER AMPLIFIER	5220A	FLUKE	2555018	3200
ATTENUATOR	84948	HP	1510A05315	945
ATTENUATOR	84968	HP	1350A02583	945
GENERATOR, SIGNAL	3325	HP	2847A13470	7334
SOLID STATE PWR AMP,10W	LAB1-912-10A	MICROWAVE	1001	10300
PLUGIN UNIT	7A22B	TEK	B122062	1392
DECADE CAPACITOR	1424A	GEN RADIO	336	530
RESISTOR DECADE	1432-K	GEN RADIO	26451	300
DECADE CAPACITOR	1419A	GEN RADIO	1577	320
RECEIVER WWV	RHF1	GERTSCH	119	300
VACUUM PUMP	1380	SAR-WELCH	726	450
VACUUM PUMP	8804	SAR-WELCH	862	450
VACUUM PUMP	8806	SAR-WELCH	200	450
BAROMETER	DASI	SPERRY	ST-68-74	4440
OSCILLOSCOPE M/F 500MHZ	7904	TEK	B270108	5510
SYNTHESIZER FREQUENCY	3320B	HP	1532A02746	6648
DETECTOR NULL	845AB	FLUKE	3100004	1610.25
ATTENUATOR	8496H	HP	1722A01807	1447.55
TEST SOURCE AM/FM	11715A	HP	2338A00431	1857.25
DIVIDER REFERENCE	752A	FLUKE	3435056	3775.28
RESISTANCE CALIBRATOR	5450A	FLUKE	3493012	3775.28
VOLTAGE REF STANDARD	732A	FLUKE	3525002	2830.28
METER MULTI DIGITAL	8506A	FLUKE	3605004	6138.28
GENERATOR PULSE	8116A	HP	2334A00485	3705
CONTROLLER	9836C	HP	2250A02314	20000
MEASURING RECEIVER	8902A	HP	2403A00358	29034
GENERATOR SIGNAL	6011A	FLUKE	3265010	7135
VOLTAGE DIVIDER	720A	FLUKE	3355009	4720.28
METER MULTI DIGITAL	8505A	FLUKE	3195020	5770
GENERATOR SIGNAL	6071A	FLUKE	3170018	18000
SOLDER SYSTEM	EX-501	APE	98S796DCYBEC	1514 4
SOLDER SYSTEM	EX-501	APE	98S799DCYBEC	514.9
METER MULTI DIGITAL	8520A	FLUKE	3175024	2995
PRINTER THERMAL	2673A	HP	2409A05625	1590
ANALYZER SPECTRUM	85668	HP	2430A00638	52250
COUNTER GATED UNIVERSAL	1965A	HP	2401A00447	2550
COMPENSATOR LEAD	721A	FLUKE	3585003	1179.7
SWITCH CONTROL UNIT	3488A	HP	2240A02830	2986.2
SWITCH CONTROL UNIT	3488A	HP	2240A02807	2986.2
SWITCH CONTROL UNIT	3488A	HP	2240A02724	12833
RELAY ACTUATOR	59306A	HP	1920A08170	902.48
RELAY ACTUATOR	59306A	HP	1920A08171	902.48
DETECTOR PEAK TO PEAK	067-0625-00	TEK	1301	417.67
POWER SUPPLY	6237B	HP	2441A05107	640.5
POWER SUPPLY	62378	HP	2241A05108	640.5
POWER SUPPLY	62378	HP	2441A05123	640.5
METER SELECTIVE LEVEL	3586C	HP	2349A01401	9600

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
GENERATOR SYNTHESIZER	3336C	HP	1932A00926	4400
PLUGIN AMPLIFIER	7B92A	TEK	B064142	1736.64
TRANSFORMER RATIO	DT72A	ELECT SCIE	20785DT72A	2998.91
COUNTER	5350 OPT 06	HP	2510A00515	4725
DISPLAY DASI	FA100352	C&G	1284	371
SENSOR TRANSLATOR	FA100351	C&G	167	2938
GENERATOR SIGNAL	8673B	HP	2704A00966	48984
GENERATOR SIGNAL	8642B	HP	2647A01017	27856.82
CONVERTER MICROWAVE	11793A	HP	2639A00432	5670
SENSOR MODULE 18 GHZ	11792A	HP	2407A00457	2835
THERMAL CONVERTER	A55-5VOLT	FLUKE	4040000	622.36
ANALYZER DISTORTION	8903B	HP	2652A02458	5513.13
CONTROLLER	1722A	FLUKE	3970014	9629.55
GENERATOR SIGNAL	8642B	HP	2723A01252	27789
CALIBRATOR AC	5200A	FLUKE	4345007	11092
MEASURING RECEIVER	8902A	HP	2717A01753	19301.01
HARD DISK SUBSYSTEM	8020	BERING	33	1459
CONVERTER THERMAL 3V	1395A-3	BALLANTINE	4308	450
CONVERTER THERMAL 6V	1395A-6	BALLANTINE	4356	450
NOISE SOURCE WITH/OPT	346B	HP	2614A07837	1403.58
CALIBRATOR	5700A	FLUKE	4720020	22508.3
AMPLIFIER	5725A	FLUKE	4663008	7473
COAXIAL HYBRID	3032	NARDA	413	525.33
WWVB REC DISCIPLINED OSCI	8164	SPECTRACOM	8164-0548	5761.8
BI-DIRECTION COAX COUPLER	3020A	NARDA	60245	820.32
SHUNT AC CURRENT	A40-0.2A	FLUKE	900004	364.09
BI-DIRECTION COAX COUPLER	12598-M-2565	RLC ELECTR	447184	325
SHUNT AC CURRENT	A40-0.02A	FLUKE	2720007	364.09
CAPACITOR STANDARD	1409-F	GEN RADIO	6565	147.57
CAPACITOR STANDARD .005 U	1409-K	GEN RADIO	4948	147.57
CAPACITOR STANDARD .01 UF	1409-L	GEN RADIO	6855	147.57
CAPACITOR STANDARD .05 UF	1409-R	GEN RADIO	6172	147.57
CAPACITOR STANDARD .1 UF	1409-T	GEN RADIO	7115	147.57
CAPACITOR STANDARD .5 UF	1409-X	GEN RADIO	5527	147.57
DETECTOR PEAK TO PEAK	067-0625-00	TEK	781	417.67
INDUCTOR STANDARD 50 UH	1482-A	GEN RADIO	11301	147.2
INDUCTOR STANDARD 100 UH	1482-B	GEN RADIO	6903	147.2
INDUCTOR STANDARD 1 MM	1482-E	GEN RADIO	11190	147.2
INDUCTOR STANDARD 10 MM	1482-H	GEN RADIO	7352	147.2
INDUCTOR STANDARD 100 MH	1482-L	GEN RADIO	7602	147.2
INDUCTOR STANDARD 500 MH	1482-N	GEN RADIO	7935	147.2
INDUCTOR STANDARD 1 H	1482-P	GEN RADIO	10947	147.2
INDUCTOR STANDARD 5 H	1482-R	GEN RADIO	10424	147.2
INDUCTOR STANDARD 10 H	1482-T	GEN RADIO	8107	147.2
THERMAL CONVERTER	A55-1V	FLUKE	849	600
OSCILLOSCOPE	54110D	HP	2826A01465	19644.3
BI-DIRECTION COAX COUPLER	3020A	NARDA	1270	820.32
DIGITAL MULTIMETER	8840A	FLUKE	3958183	1073
POWER METER	438A	HP	2634A03338	4900
ANALYZER AUDIO	8903A	HP	2407A03561	6620
SENSOR MODULE 4 GHZ	11722A	HP	2716A01642	1900

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	(MODEL	(MANUFACTURER	SER_NO	(COST
SENSOR MODULE 4 GHZ	11722A	HP	2320A00355	1902
REMOTE DISPLAY	FA995417	AIRFLO INS	177	600
DIGITAL MULTIMETER	8520A	FLUKE	2970022	2995
GENERATOR SIGNAL	6071A	FLUKE	2970021	18000
GENERATOR SIGNAL	6011A	FLUKE	2975005	7135
POWER SPLITTER	11667A	HP	18252	935
MAINFRAME POWER MODULE	TM5006	TEK	B037491	1200
GENERATOR OSCILL CALIB	CG5001	TEK	B030506	16684.47
MAINFRAME POWER MODULE	TM5006	TEK	B020306	1200
THERMAL CONVERTER	1395A-1	BALLANTINE	4431	493
POWER SPLITTER	11667A	HP	18250	935
PRECISION POWER AMPLIFIER	5205A	FLUKE	3005002	9505
DIGITAL MULTIMETER	8502A	FLUKE	3005015	7205
METER CALIBRATOR	5100B	FLUKE	3240003	14310
COUNTER TIMER P/O 7405	1953A	FLUKE	3090015	1335
CURRENT SHUNT	A40-1 AMP	FLUKE	905008	364.09
CABINET YELLOW				508.12
CABINET YELLOW				508.12
CABINET YELLOW				1508.12
COUNTER ELECTRONIC	5245L	HP	716-12119	13118.5
PRINTER CENTER	1980		13359	3650
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88030083	81.9
PRINTER	X24: P/N799-166	IBM	110066064	503
CURRENT SHUNT	A40-3 AMP	FLUKE	795010	364.09
CURRENT SHUNT	A40-.I AMP	FLUKE	925014	364.09
SOLDERING STATION	PRCI50A	PACE	3305	954.16
SOLDERING STATION	PRC151	PACE	9410	342.1
SOLDERING STATION	PRC151	PACE	9634	342.1
SOLDERING STATION	PRC151	PACE	9442	342.1
ATTENUATOR 1DB STEP 1GHz	355D	HP	1204A27986	412.75
COUNTER	6153-50	SYS DONNER	25025-2	6038.25
COUNTER	6153-50NER	SYS DONNER	53002	3450
DETECTOR NULL	845AB	FLUKE	4220001	1963.5
POWER SPLITTER	11667A	HP	18253	935
CALIBRATOR POWER METER	8477A	HP	1922A01512	568.1
OSCILLOSCOPE M/F 500MHZ	7904	TEK	B123756	4358
PLUGIN SAMPLING SWEEP	7T11A	TEK	B021365	5775
PLUGIN SIGNAL GENERATOR	SG503	TEK	B068914	1780
PLUGIN MODULE GEN CALIB	PG506	TEK	B035519	1850
GENERATOR P/U TM	TG501	TEK	B033642	962.67
GENERATOR	SG504	TEK	B011367	2295
OSCILLATOR TEST	651B	HP	1230A10169	1152
MAINFRAME POWER MODULE	TM504	TEK	B018903	180
TEST SET CALIBRATOR MF	TM515	TEK	B021997	360
GENERATOR SIGNAL	8671B	HP	2823A00751	22608
GENERATOR SIGNAL	8671B	HP	2823A00750	22608
GENERATOR SIGNAL	8671B	HP	2823A00797	22608
PROBE CAL BOX	16345A	HP	2143J00236	1985
SENSOR POWER	8482A	HP	1925A05758	580
ATTENUATOR	4436A	HP	1218J01656	1124.22
POWER SUPPLY	6291A	HP	2117A06448	555.76

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
POWER SUPPLY	6291A	HP	103A-06186	555.76
GENERATOR & FREQ SYN	3325B	HP	2847A02797	4563.99
GENERATOR & FREQ SYN	3325B	HP	2801A01623	4563.99
GENERATOR & FREQ SYN	3325B	HP	2847A02169	4563.99
TRANSFORMER ISOLATION	PR57	SENCORE	6038532	445.5
GENERATOR FUNCTION	278	WAVETEK	A6140902	3000
GENERATOR FUNCTION	278	WAVETEK	A6140882	3000
GENERATOR FUNCTION	278	WAVETEK	A6140908	3000
METER MULTI	8840A	FLUKE	4717030	795
TRACKER	2000A	HUNTRON	22A05704	1371.26
TRACKER	2000A	HUNTRON	22A07678	1371.26
GENERATOR SIGNAL	6062A132	FLUKE	4690402	10434
GENERATOR SIGNAL	6062A132	FLUKE	4690401	10434
SENSOR POWER	8481A	HP	2702A72413	590
COUNTER PULSE MICROWAVE	5361A	HP	3108A00253	13894.5
SENSOR POWER	8482A	HP	1925A05788	593
SENSOR POWER	8482A	HP	2652A18370	612.3
SENSOR POWER	8482A	HP	2652A19680	593
SENSOR POWER	8484A	HP	1635A03108	825
SENSOR POWER	8484A	HP	2046A06607	825
SENSOR POWER	8484A	HP	2237A10687	825
SENSOR POWER	8484A	HP	1916A03533	825
SENSOR POWER	8484A	HP	1635A03051	825
METER POWER	436A	HP	1719A01703	2900
PLUGIN PULSE GENERATOR	PG508	TEK	B031367	1500
SENSOR POWER	8481A	HP	2702A69944	612.3
SENSOR POWER	8485A	HP	2942A08957	894.9
METER POWER	436A22	HP	2410A18701	2900
ANALYZER SPECTRUM	8563A-K01	TEK	3529A03689	34382
GENERATOR SIGNAL	6062A132	FLUKE	4745406	10434
BAROMETER PRESSURE STND	760-15A1107-01	PAROSCIENT	38689	3547.2
HIGH VOLTAGE PROBE	80K-40	FLUKE		87.56
TEST SOURCE AM/FM	11715A	HP	2135A00328	1857.25
FIXTURE CALIBRATION EXTEN	67058900	TEK	B022560	450
FIXTURE CALIBRATION EXTEN	67058900	TEK	B022008	450
TOOL CRIMPER TERMINAL	M10S1	BURNDY	NONE	322
TUNER SLIDE SCREW	872A	HP	167	525
TUNER SLIDE SCREW	X870A	HP	2WC263	210
PLUGIN SWEEP OSCILLATOR	83592A	HP	2220A00512	23424
ATTENUATOR	8494B	HP	1510A08332	1007
FILTER BAND PASS	2640	WHITE	773316	430
POWER SUPPLY	JQE	KEPCO	H90387	1062.56
POWER SUPPLY	6235A	HP	1812A01777	212
TRANSFORMER CURRENT	461	WESTON	5665	510
COUPLER DIRECTIONAL	779D	HP	1144A03371	761.19
COUPLER DIRECTIONAL	3042B-20	NARDA	10187	350
COUPLER DIRECTIONAL	X752C	HP	4338	450
COUPLER DIRECTIONAL	3000-20	NARDA	343	455.9
COUPLER DIRECTIONAL	3000-30	NARDA	357	455.9
COUPLER DIRECTIONAL	3003-30	NARDA	392	350
DEKABOX RESISTANCE	DB655	ELECT SCIE	95689	225

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
DEKABOX RESISTANCE	DB655	ELECT SCIE	245	225
ATTENUATOR SET	AS1	WEINSCHEL	245	600
COUPLER DIRECTIONAL	776D	HP	6807	519.75
COUPLER DIRECTIONAL	776D	HP	1993	230.65
POWER SUPPLY	6217A	HP	1603A08059	200
POWER SUPPLY	6215A	HP	1139A12204	200
GENERATOR DATA PULSE	114A	SYS DONNER	5030	1073
GENERATOR DATA PULSE	114A	SYS DONNER	41030	1073
ANALYZER DISTORTION	333A	HP	1101A02018	927.82
PLUGIN UNIT	AM6565U	TEK	C496	275
PLUGIN UNIT	AM6565U	TEK	C263	275
PLUGIN UNIT	AM6565U	TEK	C196	275
PLUGIN UNIT	AM6565/U	TEK	C-467	275
PLUGIN UNIT	7A15AN11	TEK	B039824	275
PLUGIN UNIT	AM6565U/7A15AN	TEK	B039805	275
OSCILLOSCOPE M/F	7704A	TEK	B216496	3216.94
CALIBRATION FIXTURE (7000	067-0587-01	TEK	B061100	600
CALIBRATION FIXTURE (7000	067-0587-01	TEK	B061033	600
CALIBRATION FIXTURE (7000	067-0587-01	TEK	B082105	774
OSCILLATOR TRANSFER	5257A	HP	1348A03556	3242.25
GENERATOR SWEEPER	8601A	HP	1707A05849	2970
PLUGIN 141T ANALZYER	8554B	HP	1923A05076	4915.3
GENERATOR TRACKING	8444A	HP	2325A05455	4522
AMPLIFIER DUAL TRACE	7A18	TEK	B126255	708.1
AMPLIFIER DUAL TRACE	7A18	TEK	B123793	708.1
AMPLIFIER DUAL TRACE	7A18	TEK	B126172	615
AMPLIFIER DUAL TRACE	7A18	TEK	B123805	708.1
AMPLIFIER DUAL TRACE	7A18	TEK	B125810	615
ATTENUATOR	350D	HP	220-05627	300
ATTENUATOR	350D	HP	220-05625	300
ATTENUATOR	350D	HP	220-08506	300
LOAD SLIDING	907A	HP	1941	600
LOAD SLIDING	907A	HP	1937	600
GENERATOR SIGNAL	8616A	HP	2015A05275	5259.25
PLUGIN UNIT	7B53	TEK	B170721	925
PLUGIN UNIT	7B53	TEK	B182843	925
PLUGIN UNIT	7B53	TEK	B182847	925
PLUGIN UNIT	7B53	TEK	B170768	512.9
PLUGIN UNIT	7B53A	TEK	B160041	925
LINE SECTION	806B	HP	FT143	350
GENERATOR SWEEP	2001A	WAVETEK	131916	1570
GENERATOR SWEEP	2001A	WAVETEK	279226	1590
TESTER TRANSISTOR	101	TESTLINE	2066	625
TESTER LOGIC W/01	5011T	HP	1444A11602	688.05
TESTER LOGIC W/01	5011T	HP	1240A05052	725
OSCILLOSCOPE	7613	TEK	B354723	2902.5
COUNTER	6153-50	SYS DONNER	53016	859.91
COUNTER	6153-50	SYS DONNER	130	3450
COUNTER	6153-50	SYS DONNER	735	3032.57
COUNTER	6153-50	SYS DONNER	1274	3450
COUNTER	6153-50	SYS DONNER	4249	3032.57

TECHNICAL EXHIBIT **4**

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
COUNTER	6153-50	SYS DONNER	825	3032.57
COUNTER	6153-50	SYS DONNER	785	3850
SENSOR POWER	8481A	HP	1926A21793	482.5
ANALYZER SPECTRUM	3580A	HP	1409A00494	4717.7
PLUGIN UNIT	7A26	TEK	B139968	1050
MAINFRAME POWER MODULE	TM503	TEK	B129395	290.98
PLUGIN UNIT	7B71	TEK	B205381	755
VOLTMETER	400F	HP	0950A05727	500
PLUGIN ANALYZER SPECTRUM	8555A	HP	1219A01545	13563
AMPLIFIER	8447A	HP	1644A02501	643.5
GENERATOR	8552B	HP	1217A02563	3638.25
METER POWER	432A	HP	1102A05770	800
METER POWER	432A	HP	1507A12789	697.02
METER POWER	432A	HP	1507A12763	697.02
METER POWER	432A	HP	1507A14679	742.5
METER POWER	432A	HP	1507A14685	697.02
METER POWER	432A	HP	1848A24267	697.02
METER POWER	432A	HP	1507A14696	742.5
DETECTOR NULL	845AB	FLUKE	835012	817.54
CALIBRATOR POWER METER	8477A	HP	0963A00513	497.15
GENERATOR FUNCTION	3310A	HP	1151A07743	688.05
GENERATOR FUNCTION	3310A	HP	1151A06818	631.23
GENERATOR FUNCTION	3310A	HP	1048A03430	631.23
GENERATOR FUNCTION	3310A	HP	1151A09708	831.6
GENERATOR FUNCTION	3310A	HP	1151A07745	688.05
GENERATOR FUNCTION	3310A	HP	1151A07725	688.05
OSCILLOSCOPE M/F 500MHZ	7904	TEK	B269661	5509.91
AMPLIFIER POWER	230B	HP	1202A03710	1917.1
PLUGIN UNIT	7B70	TEK	B205406	636
PLUGIN AMPLIFIER UNIT	7A19	TEK	B039985	1371.75
PLUGIN AMPLIFIER UNIT	7A19	TEK	B034378	500
PLUGIN HORIZONTAL	7D11	TEK	B102345	1668.94
PLUGIN DIGITAL MMETER/TEM	7D13	TEK	B062469	530
PLUGIN SIGNAL GENERATOR	SG503	TEK	B065677	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063964	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063018	868.15
PLUGIN SIGNAL GENERATOR	SG503	TEK	B068246	1756.8
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063561	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B051844	895
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063150	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B068826	1756.8
PLUGIN SIGNAL GENERATOR	SG503	TEK	B066193	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B066202	1018.5
PLUGIN MODULE GEN CALIB	PG506	TEK	B047449	2227.2
PLUGIN MODULE GEN CALIB	PG506	TEK	B031536	1159.15
PLUGIN MODULE GEN CALIB	PG506	TEK	B032848	1159
PLUGIN MODULE GEN CALIB	PG506	TEK	B034980	1159
PLUGIN MODULE GEN CALIB	PG506	TEK	B032331	1159.15
PLUGIN MODULE GEN CALIB	PG506	TEK	B032621	1306.13
PLUGIN MODULE GEN CALIB	PG506	TEK	B047447	2227.2
PLUGIN MODULE GEN CALIB	PG506	TEK	B033318	1446.41

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
PLUGIN MODULE GEN CALIB	PG506	TEK	B034985	1159.15
GENERATOR P/U TM	TG501	TEK	B033804	1325
GENERATOR P/U TM	TG501	TEK	B036130	1325
GENERATOR P/U TM	TG501	TEK	B036053	1325
GENERATOR P/U TM	TG501	TEK	B032130	1013.65
GENERATOR P/U TM	TG501	TEK	B033666	1107.79
GENERATOR P/U TM	TG501	TEK	B034438	1059.41
GENERATOR P/U TM	TG501	TEK	B036056	1325
DIGIBRIDGE LC METER	1689M-9750	QUADTECH	3212061456	5995
GENERATOR P/U TM	TG501	TEK	B030603	1325
GENERATOR P/U TM	TG501	TEK	B033660	1107.79
COUNTER FREQUENCY	5345A	HP	1932A05711	5247
GENERATOR PULSE	PG502	TEK	B033483	2026.5
GENERATOR PULSE	PG502	TEK	B033311	2108.15
GENERATOR	SG504	TEK	B011191	2214.67
GENERATOR	SG504	TEK	B011197	2214.67
GENERATOR FUNCTION	3310B	HP	1201A01640	792
VOLTMETER	3400A	HP	0401-00584	526.68
VOLTMETER	3400A	HP	0401-02527	526.68
VOLTMETER	3400A	HP	0401-02534	602.2
DISTORTION ANALYZER	334A	HP	1140A09210	1467.18
GENERATOR SIGNAL	8614A	HP	2015A08030	6768
GENERATOR FREQUENCY	8406A	HP	1145A00959	864
AMPLIFIER 150MHZ	461A	HP	0946A03551	350
VOLTMETER	400E	HP	1207A17095	346.74
VOLTMETER	400E	HP	1208A16362	346.74
VOLTMETER	400E	HP	1208A16273	346.74
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST	BROWN			450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST	PIN 028987			450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
GENERATOR PULSE	PG501	TEK	B082924	383.15
PLUGIN UNIT	7B53A	TEK	B034450	885
ANALYZER SIGNATURE	5004A	HP	1824A06104	1113.92
PROBE F E T	P6045	TEK	WC262	545
PLUGIN HEAD FOR 18500B	18500-19A	NARDA	5008	3200
MAINFRAME POWER MODULE	TM504	TEK	B025447	290
MAINFRAME POWER MODULE	TM504	TEK	B016690	290
PLUGIN UNIT	7B51	TEK	B080886	1625
PLUGIN UNIT GENERATOR	SG505	TEK	B020321	677.49

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
TEST SET VIDEO RF W/CART	FA9410-11	BENDIX	39/139	5519
METER SWR ATTENUATION	PRD277D	PRD	510	490
POWER SUPPLY	RA40-30	MID-EASTER	5911	625
CURRENT PROBE DC/AC	Y8100	FLUKE	3365331	131.07
PLUGIN CALIBRATOR	067-0680-00	TEK	B020577	661.01
MOD MTR	2305	MARCONI	118506/116	8585.63
GENERATOR SIGNAL	8642B	HP	2647A00963	26376
TEST SET CALIBRATOR MF	8642B	HP	2734A01257	27789
DECADE RESISTOR	240C	CLAROSTAT	21120	279.5
REFLECTOMETER TIME DOMAIN	TM515	TEK	B021673	360
TDR CABLE TESTER	1502	TEK	B092254	3618.75
AMPLIFIER	8447F	HP	1937A01362	2260
ANALYZER WAVE	3581A	HP	1351A01475	3458
ATTENUATOR	8496B	HP	1350A04482	1007
ATTENUATOR	8496B	HP	1350A00732	589.05
PLUGIN UNIT	7A24	TEK	B115103	450
POWER PULSE RF	18500B	NARDA	10009	5100
GENERATOR SIGNAL	8640BOPT 1&3	HP	2232A19929	8515
ANALYZER BUS	3410	DATA PRECI	1032	345
PLUGIN AMPLIFIER	7B92A	TEK	B089192	2186.55
PLUGIN AMPLIFIER	7B92A	TEK	B089211	2187
SENSOR POWER	8484A	HP	1635A02513	568.1
METER MILLIVOLT RF	92BD0109	BOONTON	1268	2287
PLUGIN UNIT	7B85	TEK	B084554	991.69
PLUGIN UNIT	7B80	TEK	B054677	846.57
METER POWER	436A	HP	1725A02148	1975
METER POWER	436A	HP	1803A03609	1951.3
PLUGIN LOGIC ANALZYER	7D01	TEK	B097744	3396.8
CALIBRATOR RANGE	11683A	HP	1719A00811	543.4
GENERATOR	8672A	HP	1834A00558	28314
COUNTER PULSE MICROWAVE	451	EIP	243	8135
COUNTER ELECTRONIC	5328AF096	HP	1808A07270	1300
COUNTER ELECTRONIC	5328AF096	HP	1828A08347	1300
COUNTER ELECTRONIC	5328AF096	HP	1828A08398	1300
COUNTER ELECTRONIC	5328AF096	HP	1828A08270	1300
COUNTER ELECTRONIC	5328AF096	HP	1908A10793	1300
OSCILLATOR TRACKING	313A-H55	HP	0962A00948	9645
VOLTMETER SELECTIVE	312BH55	HP	1442A00318	7500
GENERATOR SIGNAL	8640BOPT2	HP	1734A07013	7375.5
MODULATOR, RF PULSE	11720A	HP	2021A01112	2702
DIRECTIONAL COUPLER	3042B-10	NARDA	9020	613.89
PLUGIN PULSE GENERATOR	PG508	TEK	8031401	1195
PLUGIN PULSE GENERATOR	PG508	TEK	B032811	1302.75
OSCILLOSCOPE M/F	182C	HP	1419A02495	1712
DIRECTIONAL COUPLER	3042B-30	NARDA	7134	575.17
COUNTER ELECTRONIC	5328AH42	HP	1908A12098	1300
CALIBRATOR AC	5200A	FLUKE	810023	5026.16
CALIBRATOR AC	5200A	FLUKE	2260027	5920.06
AMPLIFIER PREAMP	8447D	HP	1937A01565	1267.2
AMPLIFIER HIGH PRECISION	5205A	FLUKE	835002	4542.41
ANALYZER SPECTRUM	8558B	HP	1506A01351	4257

TECHNICAL EXHIBIT **4**

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
METER MODULATION	9008	DANA RACAL	4288	1625
ANALYZER MODULATION	8901A	HP	1933A00333	7904
ANALYZER MODULATION	8901A	HP	2119A01226	7800
ANALYZER DISTORTION	339A	HP	2025A04983	2660
ANALYZER DISTORTION	339A	HP	2025A05414	2800
OSCILLOSCOPE	7633	TEK	B215860	5432.51
CALIBRATOR	5101B	FLUKE	3035003	13675.25
CALIBRATOR MULTIFUNCTION	5101B	FLUKE	2555003	13000
TRACKER 1000	1005B	HUNTRON	21205465	895
METER MULTI DIGITAL	8050A	FLUKE	3580293	422.1
METER MULTI DIGITAL	8050A	FLUKE	3580080	422.1
ANALYZER CAP/INDUCT	LC53	SENCORE	3448577M	805
ANALYZER SPECTRUM	8563A-K01	TEK	3529A03686	34382
ANALYZER SPECTRUM	8563A-K01	TEK	3529A03711	34382
OSCILLATOR SWEEP MAINFRAM	8350A	HP	2218A01693	4320
MONITOR, TEST EQUIPMENT	CSM1	SINGER	611	3385
COUNTER TIMER W/OPT	903511A	RACAL-DANA	404749	5863.65
METER LCR	4332A	HP	1703J01709	1366.2
METER LCR	4261A	HP	1821J03752	2634.07
COUNTER	53500PT06	HP	2510A00542	4725
COUNTER	53500PTO6	HP	2510A00513	4725
COUNTER	5350A	HP	2444A00273	5492
OSCILLOSCOPE DIG 150MHZ	2430A OPT46	TEK	B030220	5206.1
OSCILLOSCOPE DIG 150MHZ	2430A OPT46	TEK	B030211	5206.1
ANALYZER SPECTRUM	8563A	HP	2949A00149	17330
FORMATTER DISPLAY	DF2	TEK	B020776	2065.1
DISPLAY	116	BIOMATION	17684	1150
AMPLIFIER POWER	5215A	FLUKE	2595013	5900
TESTER METER CAP	830	B&K	72-19452	181
OSCILLATOR GENERATOR	750T	CLARK HESS	WC263-2	520
METER RF MILLIVOLT CAL	26A	BOONTON	138	1050
METER MULTI	3400R	DATA PRECI	1527/1032	1840
GENERATOR FUNCTION	744	CLARK HESS	79472	660
GENERATOR FUNCTION	744	CLARK HESS	79473	660
GENERATOR FUNCTION	744	CLARK HESS	80437	660
GENERATOR FUNCTION	744	CLARK HESS	80253	660
SYNTHESIZER/FUNCTION GEN	3325B/OPT002	HP	2847A095970	4942.41
COUNTER SOURCE LOCKING	575B	EIP	1817-00448	9975
SPEC ANAL MAIN FRAME	141T	HP	1232A03821	1810
RADIO TEST SET	2955R		13228004	7653
TEMP HUMIDITY CHART	CT485	WHITE BOX	9484	450
PRINTER	NX10	STAR	260703881	215.84
CONSOLE ELECTRIC TEST			NONE	450
PLUGIN TM500 PULSE GEN	PG508	TEK	B032979	1500
COMB GENERATOR	067-0885-00	TEK	B010414	2122.05
RANGE CALIBRATOR	11683A	HP	1719A01927	902.76
RANGE CALIBRATOR	11683A	HP	1719A02006	902.76
SAMPLING PIU	7S11	TEK	B149042	2031.85
ACCESSORY KIT	11570A	HP	NONE	1239.24
AMPLIFIER LOW NOISE	8640-60506	HP		100
CALIBRATION GENERATOR	PG-506	TEK	B047300	1159

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
GENERATOR LEVELED SINE	SG504	TEK	8012179	2214.67
GENERATOR LEVELED SINE	SG-503	TEK	8063556	1018.5
TIME MARK GENERATOR	TG-501	TEK	8038744	1059.41
GENERATOR SIGNAL	3335A	HP	2843A05495	1000
GENERATOR	86730	HP	3128A01186	1000
ATTENUATOR SET	AS-6	WEINSCHEL	5836	206.1
ATTENUATOR SET	AS-6	WEINSCHEL	5837	206.1
POWER SPLITTER	11667A	HP	13748	470.61
POWER SPLITTER	11667A	HP	17522	470.61
DIGITAL MULTIMETER	3458A	HP	2823A09202	4017
RESISTOR	1 OHM		17647	50
RESISTOR	4035-B	LEEDS&NORT	1892696	500.93
VACUUM CLEANER	C80704-01	HAKO	B0840276	709.43
THERMISTOR MOUNT	TM-400	MICRONETIC	5248212	206.09
CALIBRATOR	54408	FLUKE	13733024	13000
HIGH VOLTAGE PROBE	80K40			87.56
EI-DIRECTION COAX COUPLER	3020A	NARDA	1536	820.32
PLUGIN SCOPE	1950A	HP	2415A01220	2550
COMPARATOR HEAD	015-0310-01	TEK	8120933	775
REFERENCEMAGNET	VA-074	F.W.BELL	161828	280
REFERENCE MAGNET	VA-072A	F.W.BELL	226903	280
PROGRAMMABLE PULSE HEAD	015-0311-01	TEK	8010420	1320
KEYBOARD 1722A	Y1700	FLUKE	NONE	477.75
CONSOLE ELECTRIC TEST				450
CABINET GRAY METAL	2-DOOR		AC-7-3783	200.18
COAXIAL SLIDING LOAD	905A	HP	2426	580
CALIBRATION KIT COAX TERM	11866A	HP	2120A03194	165
SLIDING LOAD (5 ITEMS)	911C	HP	810	1030
PROGRAMMABLE PULSE HEAD	015-0311-01	TEK	B011153	1320
CONSOLE ELECTRIC TEST				450
BATTERY CHARGER, 6 AMP	B6612	SCHAUER	1184	189
BATTERY CHARGER, 10 AMP	C6612	SCHAUER	111087	387.09
PLUGIN TM500 CONSTANT AMP	SG503	TEK	B063546	11756.8
PLUGIN TIME MARK GEN	TG501	TEK	8034436	1059.41
GENERATOR OSCILL CALIB	CG5001	TEK	8064206	16684.47
SYNTHESIZER/FUNCTION GEN	33258	HP	2847A04941	4563
GENERATOR 2-18 GHZ	8673M	HP	2534A00472	21324
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88030100	81.9
ACCESSORY KIT	8405A	HP	NONE	165
UNIVERSAL EXTENSION		HP	1523A01554	75
MULTIMETER	HP3478A/OPT326	HP	2911A71709	1131.71
RESISTOR DECADE	DB877		AH2110192	1895
COMB GENERATOR	067-0885-00	TEK	C101010	2380
AMPLIFIER RF(.8-1000MHZ)	ENI-603L	ENI	1584	2900
DIRECTIONAL COUPLER (.1-2	778D	HP	15228	1464.75
SIGNAL GEN (10MHZ-20GHZ)	83623A	HP	3250A00714	42525
SIGNAL GEN (10MHZ-20GHZ)	83623A	HP	3250A00711	42525
COUNTER	5328A	HP	1908A0353	1700
ANALYZER	PM3655			7100
MODULE TEST/ADJUST	85629B	HP	3039A00765	2300
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88031859	105

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88021026	105
SURGE PROTECTOR	MASTERPIECE	KENSINGTON		105
HUMIDITY PROBE CAL KIT	MK-II	VAISALA		325
MOUSE		IBM	1369990	60
CABINET YELLOW WOOD				508.19
KEYBOARD	305B	AT&T	S911600672	51.42
DISK DRIVE	9153B	HP	2647A06999	1835.8
THERMAL CONVERTER	1395A-1M75	BALLANTINE	10530	559
THERMAL CONVERTER	1395A-0.4-09	BALLINTINE	5681	742
CONVERTER IEEE TO RS-232	ICO26A	BLACK BOX	940603452	625
DMM	45	FLUKE	5690144	553
DMM	45	FLUKE	5690138	553
DMM	45	FLUKE	5690038	553
DMM	45	FLUKE	5395132	553
DMM	45	FLUKE	5690142	553
DMM	45	FLUKE	5395134	553
DMM	45	FLUKE	5690067	553
DMM	45	FLUKE	5690113	553
DMM	45	FLUKE	5690132	553
DMM	45	FLUKE	5395089	553
DMM	45	FLUKE	5395122	553
DMM	45	FLUKE	5395133	553
DMM	45	FLUKE	5690032	553
DMM	45	FLUKE	5690084	553
DMM	45	FLUKE	5690037	553
DMM	45	FLUKE	5690110	553
DMM	45	FLUKE	5690034	553
DMM	45	FLUKE	5690129	553
DMM	45	FLUKE	5690111	553
DMM	45	FLUKE	5690104	553
DMM	45	FLUKE	5390008	553
OSCILLOSCOPE	2247A	TEK	B034513	3153.7
OSCILLOSCOPE	2247A	TEK	B034430	3153.7
OSCILLOSCOPE	2247A	TEK	B034517	3153.7
OSCILLOSCOPE	2247A	TEK	B034511	3153.7
OSCILLOSCOPE	2247A	TEK	B034415	3153.7
OSCILLOSCOPE	2247A	TEK	B034427	3153.7
OSCILLOSCOPE	2247A	TEK	B034516	3153.7
OSCILLOSCOPE	2247A	TEK	B034428	3153.7
OSCILLOSCOPE	2247A	TEK	B034509	3153.7
OSCILLOSCOPE	2247A	TEK	B034431	3153.7
OSCILLOSCOPE	2247A	TEK	B034439	3153.7
OSCILLOSCOPE	2247A	TEK	B034429	3153.7
OSCILLOSCOPE	2247A	TEK	B034426	3153.7
OSCILLOSCOPE	2247A	TEK	B034419	3153.7
OSCILLOSCOPE	2247A	TEK	B034438	3153.7
OSCILLOSCOPE	2247A	TEK	B034400	3153.7
OSCILLOSCOPE	2247A	TEK	B034510	3153.7
OSCILLOSCOPE	2247A	TEK	B034432	3153.7
OSCILLOSCOPE	2247A	TEK	B034524	13153.7
OSCILLOSCOPE	2247A	TEK	B034512	13153.7

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
CALIBRATOR	84008	STR	2	2843
MIXER	M85C	WATKINS-JO	270029241	453
FILTER LOW PASS	0955-0518		XC495-19	300
TEST SET	8920A	HP	3352A03862	15142
STEP ATTEN, PROGRAMMABLE	8495G	HP	3247A06884	760
ATTENUATOR SWITCH DRIVER	11713A	HP	3439A00848	1862
BRIDGE 150 OHM	5061-1135	HP	1135A	1350
BRIDGE 200 OHM	5061-1136	HP	1136A	1400
COUNTER	1994	RACAL-DANA	9508062	2618
SPEC ANAL	3585B	HP	3008A01880	29531.04
MONITOR	7134T	AT&T	17-27358905	450
MONITOR	7134T	AT&T	17-27358983	450
MONITOR	7134T	AT&T	17-27358869	450
CPU	GLOBALYST 520	AT&T	15-30581377	1022
CPU	GLOBALYST 520	AT&T	15-30581356	1022
CPU	GLOBALYST 520	AT&T	15-30581368	1022
MOUSE		AT&T	LCA51725231	53
MOUSE		AT&T	LCA52007753	53
MOUSE		AT&T	LCA51725234	53
KEYBOARD		AT&T	C319673	150
KEYBOARD		AT&T	G326585	150
POWER METER DIGITAL	437B	HP	3125U16978	2561.5
POWER METER DIGITAL	437B	HP	3125U16979	2561.5
MEASURING RECEIVER	8902A	HP	3538A03757	28153
ANALYZER PEAK POWER	8990	HP	3314A00654	15604
GENERATOR FUNCTION	3325	HP	2847A11790	6899.6
GENERATOR FUNCTION	3325	HP	2847A11817	6899.6
MODULE HP-IP	54657A	HP	US35031419	760
MODULE HP-IP	54657A	HP	US35031430	760
MEASURING RECEIVER	8902A	HP	2337A00103	28153
PRECISION DC	3245A	HP	2831A03071	4634.2
SPEC ANAL	8563A	HP	3337A02799	14777
DIST ANA	8903B	HP	3514A15533	7012.4
AMPLIFIER	489A	HP	1640A01881	995
SENSOR MODULE	11722A	HP	3111A04979	2441.5
COUNTER	5345A/12	HP	2104A07644	2950
COUNTER	1994 OPT41	HP	9408341	2618
SENSOR	84812A	HP	3318A01335	1660
GENERATOR PULSE	8116A	HP	3134G18176	4900
OUTPUT POWER METER	1840A	GEN RADIO	3618	2797
OUTPUT POWER METER	1840A	GEN RADIO	7038	2797
CALIBRATOR	5500A	FLUKE	6470021	8495.25
AC MEASUREMENT STANDARD	5790A	FLUKE	6450032	20144
CONVERTER W/SOFTWARE	DSI700	HUNTRON	316-02110	2575
MONITOR	235	NCR	17-25506873	350
CPU SYSTEM 3230,NCR	9710	NCR	15-25994530	1646
MOUSE	PS/2	MICROSOFT	9112	75
MONITOR,NCR	235	NCR	17-25183929	350
CPU SYSTEM 3230 W/CDROM	9710	NCR	29-23206250	1646
MOUSE	PS/2	MICROSOFT	4729809	75
CONVERTER, MICROWAVE	11793A	HP	3336A02167	8445.5

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
SENSOR, MODULE	11722A	HP	3111A05593	12441.5
SENSOR, MODULE	11792A	HP	3528A02088	4370
GENERATOR. SYN SIGNAL	83732B	HP	US37100933	138000
PROM, PROGRAMMER	16976	GIGATRONIC	1835040	2995
METCAL SOFWARE/MANUALS	VER5.1	FLUKE		500
COUNTER, ELECTONIC	5313A		KR91201276	1080.06
COUNTER, ELECTONIC	5313A		KR91201281	1080.06
ANALYZER. CAP	LC-75		4651426M	1614
ANALYZER, CAP	LC-102		6126905JM	1614
HUNTRON 2000	HUNTRON 2000		19664	1059.87
HUNTRON 2000	HUNTRON 2000		19637	1059.87
SENSOR MODULE	HP 11722A		3820A06065	2200
SENSOR MODULE	HP 11722A		3820A06066	2200
SENSOR MODULE	HP 11722A		3820A06064	2200
SENSOR POWER W/11708A(sn2	HP 8485D		3318A05023	1660
SENSOR POWER W/11708A(sn2	HP 8485D		3318A05024	1660
DIVIDER POWER	11667B		13084	1120
DIVIDER POWER	116678		113085	1120
DIVIDER POWER	116678		13087	1120
			TOTAL COST	$2,425,721.24

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
07370-020	TEST	6625-01-314-7700	15
1040A MOD 49	SCOPE	6625-01-055-7516	30
1042 MOD 49	OSCOPE	6625-01-108-6192	5
1066B MOD 49	SCOPE	6625-00-324-3296	37
110B	GEN	6625-00-113-6353	11
110C	GENERATOR	6625-01-061-9115	2
1358A	GEN	6625-01-304-2326	3
1502 OPT 4	RMTR	6625-01-037-4412	33
1503	RMTR	6625-01-043-9760	5
1503C	CBL TST SET	6625-01-355-8085	9
1568A	ANA	6625-00-162-1940	12
1602	SCOPE	6625-01-304-3413	2
1605E	GEN	6625-01-315-6242	14
16934	RF DETECT	6625-01-379-4787	4
17071	RF DETECT	6625-01-378-9673	5
17130	DASI SEN TRANS	6660-01-315-6801	6
1720A	SCOPE	6625-01-034-4783	4
17355	CCA DASI	5998-01-232-7495	51
1840	AUD TST	6625-00-937-6156	15
1920A	COUNTER	6625-01-142-6233	5
1950A	PLUG IN	6625-01-172-6119	1
1980A	COUNTER	6625-01-071-0596	2
1994	CNTR ELEC DIG	6625-01-357-9937	4
200-8710	HEAD	6625-01-313-4375	7
2001B	GEN	6625-00-330-6939	6
2020S1	VTM	6625-01-304-2439	1
212159	OHMMTR	6625-00-141-3558	5
212159CL	OHMMETER	6625-01-223-2980	3
2215 MOD WN	SCOPE	6625-01-212-6470	7
2215 MOD WV	SCOPE	6625-01-211-9577	19
2215A	SCOPE	6625-01-160-0217	6
2235 OPT 1	SCOPE	6625-01-187-7847	66
2235A	SCOPE	6625-01-371-5069	1
2246	SCOPE	6625-01-275-4766	135
2247A	SCOPE	6625-01-370-2085	2
230240/C20	METER	6625-00-339-9826	10
230450	ISO GEN	6625-00-291-8085	12
2430A	SCOPE	6625-01-257-2868	4
2442	MICROWAVE COUNTER	6625-01-431-4373	6
2445A	SCOPE	6625-01-312-4726	7
2465B	OSCOPE	6625-01-363-5262	25
250220-2	TSTR	6625-01-187-8149	1
257	MOD METER	6625-01-452-5761	2
2785	OHMMTR	6625-00-003-5592	20

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
2792	SPEC ANA	6625-01-374-4115	24
2947	RADIO TEST SET	6625-01-432-6997	85
2955R	RADIO TST SET	6625-01-329-8160	34
3000BMA	MON COM	6625-01-251-4775	7
3002B	GEN SIG	6625-01-088-9087	2
3004	SIG GEN	6625-01-304-2327	6
312B	WAVE ANA	6625-01-012-1071	5
312B OPTH55	ANA	6625-01-041-5591	5
3336A	GENERATOR	6625-01-304-3437	2
3336C	SYNTHESIZER GEN	6625-01-213-8152	1
3400B	VOLTMETER	6625-01-389-3705	1
3581A	SPEC ANA	6625-01-012-7669	6
3586A	METER	6625-01-316-8664	2
3586A OPT004	METER	6625-01-289-8532	18
3586B	METER AUDIO LEVEL	6625-01-211-2106	3
3586B	SELECT LVL METER	6625-01-139-6741	2
3586C	METER	6625-01-096-1726	8
3701 OPT 11	COMM TST	6625-01-245-3926	17
400E	VTM	6625-00-995-7716	33
4101	MOD METER	6625-01-244-0198	52
410C	MULTI MTR	6625-00-969-4105	3
41B	MULTIMETER	6625-01-438-5312	4
4210-4E-S/2	POWER SNSR	6625-01-313-1555	6
425 MOD WN	SCOPE	6625-01-304-2307	40
427A	MUL MTR	6625-00-135-0407	9
43	RF TST	6625-00-649-5070	9
430	METER	6625-01-035-0162	2
4301	RF TST	6625-00-965-7051	48
432A	METER	6625-00-436-4883	85
432B	POWER METER	6625-00-138-6522	7
436A	METER RF POWER	6625-01-220-6729	17
436A	PWR METER	6625-01-033-5050	71
437B	METER POWER FACTOR	6625-01-406-6941	3
437B	PWR METER	6625-01-316-6448	13
438A	PWR METER	6625-01-252-0298	71
4391	WATTMTR	6625-01-227-4370	40
45	VTM	6625-01-320-0536	3
465B	SCOPE	6625-01-104-3151	106
4661	NOISE XMT	5826-01-314-0616	4
4671	IF ANA	6625-01-314-0636	8
4673	RECORDER XY	6625-01-228-7848	1
475A OPT 4	SCOPE	6625-00-397-4179	6
478A	IND DISTORT	6625-01-069-7884	17
492	SPEC AN	6625-01-104-7816	26
492P V 1.7	SPEC AN	6625-01-341-4437	152

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
pi-OO

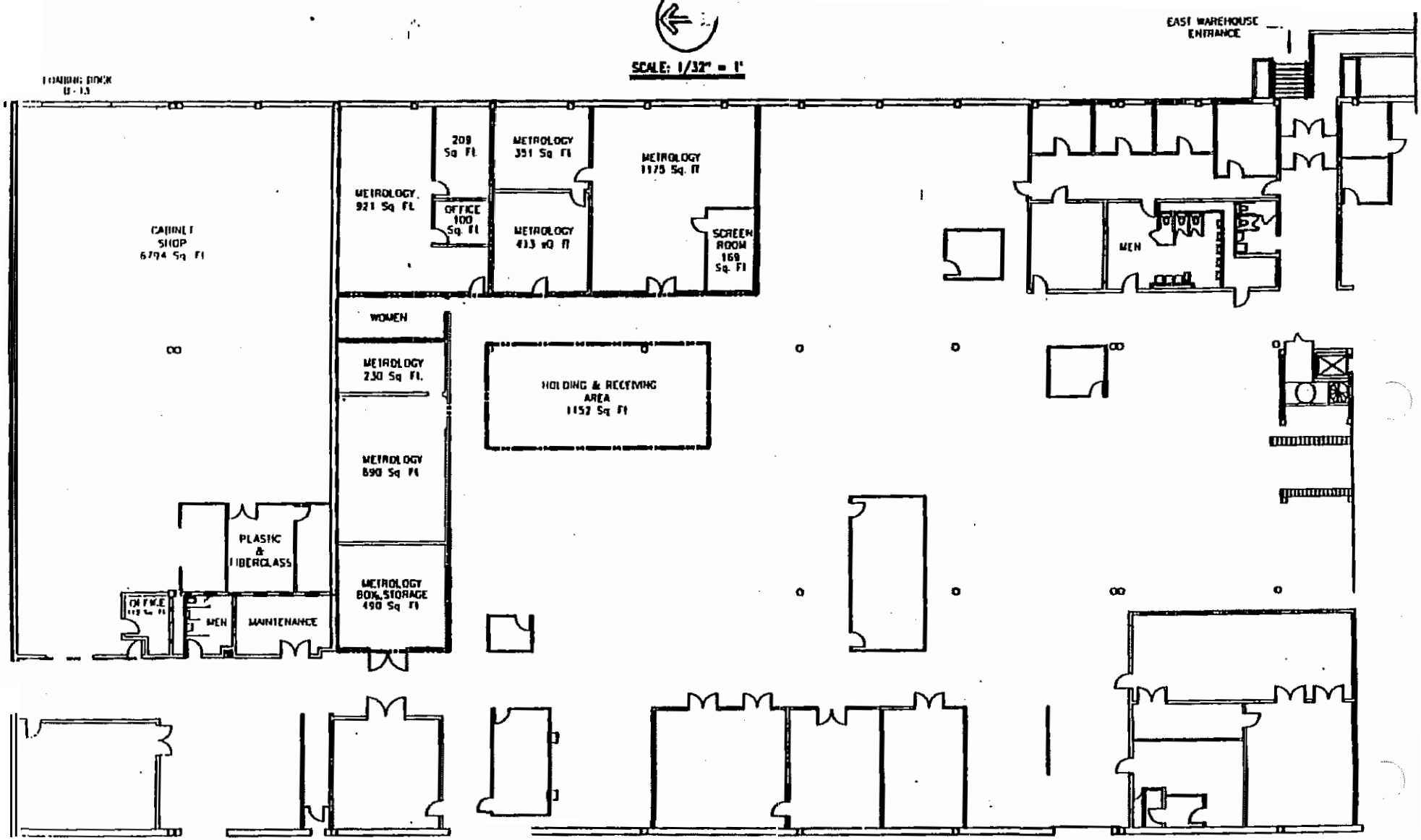
MODEL	DESCRIPTION	NSN	REPAIRED
492PGM	SPEC AN	6625-01-333-7843	13
4934A	TELEPHONE TEST SET	6625-01-380-5252	10
4935A	DBM METER	6625-01-252-0319	6
4935A OPT 2	TIMS TST	6625-01-289-8580	31
4935A OPT3	TIMS TEST	6625-01-123-7379	9
4935S OPT 2	TIMS TST	6625-01-176-8561	1
494AP	SPEC AN	6625-01-261-8107	28
519A	TEST	6625-00-443-8086	4
5200	XMS ANA	6625-01-423-2156	6
5200-02	TTS	6625-01-445-9080	5
5328A	COUNTER	6625-01-164-0519	65
5342A	CNTR FREQ	6625-01-081-3402	3
5350B W/OSCILL	COUNTER	6625-01-275-6268	8
5361A	PULSE COUNTER 20 GHZ	6625-01-346-7455	1
54645A	SCOPE	6625-01-450-7534	2
585B	CAL FRQ	6625-01-358-4903	10
6053/11/15	CNTR	6625-01-313-1624	3
6060A-AN	SIG GEN	6625-01-222-5007	7
6100	GEN OPT 3,6,19	6625-01-377-8179	33
6152A	CNTR	6625-00-148-8021	12
6153-50	CNTR	6625-00-350-5714	85
6930	POWER SENSOR	6625-01-426-8833	5
6970	METER SCALE	6625-01-426-4166	10
701A	TTS	6625-01-174-7992	81
701A	TTS	6625-01-296-2103	25
704A	TIMS WIDE FREQ	6625-01-448-2281	9
7220A	CNTR	6625-01-304-2215	100
7250A	COUNTER	6625-01-176-1269	12
744	FUNC GEN	6625-01-313-1589	4
801	PULSE GEN	6625-01-071-8403	2
83731A	GEN SIG	6625-01-365-8035	6
8403A 004 H-34	MODULATOR	6625-01-310-2528	1
8403A OPT 004	MODULATOR	6625-01-023-8026	51
8419B	AUD LVL METER	6625-01-300-6148	10
8478A	THERM MNT	6625-00-811-2435	3
8478B	THERM MOUNT STD	6625-01-067-0413	2
84811A	PK PWR SNSR	6625-01-166-9370	12
84812A	PEAK POWER SNSR	6625-01-347-4904	8
84815A	SNSR	6625-01-418-0950	10
8481A	PK PWR SENSOR	6625-00-354-9762	27
8481D	SNSR	6625-01-312-8743	4
8481H	SNSR	6625-01-014-6695	10
8482A	SENSOR	6625-01-015-4412	82
8482B	POWER SENSOR	6625-01-094-8263	23
8482H	SNSR	6625-01-072-4895	4

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
8484A	SNSR	6625-01-028-2882	29
8502A	PWR METER	6625-01-423-6599	7
8506A	PWR RAD FREQ	6625-01-259-8163	14
85032B	CALIBRATION KIT	6625-01-267-2651	2
85046A	TEST	6625-01-262-3953	6
85081B	INPUT PIU MOD	6625-01-370-4253	6
85082A	PLUG IN	6625-01-433-5881	1
8508A	VTM	6625-01-318-0238	16
8508A	VTM	6625-01-329-8169	17
8563A OPT E36	SPEC ANA	6625-01-392-5724	13
8563A-E01	SPEC AN	6625-01-326-8976	3
8563A-K01	SPEC AN	6625-01-311-5272	75
8566B	SPEC ANA	6625-01-176-2303	3
8614A	SIG GEN	6625-00-872-3215	1
8616A	GEN	6625-00-254-6671	110
8640B	SIG GEN	6625-01-018-8583	21
8640B OPT3	SIG GEN	6625-01-045-2183	348
8671B	SIG GEN	6625-01-319-3930	5
870-01	ANA	6625-01-314-1269	8
8753C	ANA ELEC TST	6625-01-322-5296	19
8831	CABLE FAULT FINDER	6625-01-419-6706	4
8900C	POWER METER	6625-01-079-9347	7
8920A	RADIO TEST SET	9000-00-400-0079	1
8920A	RADIO TST SET	6625-01-361-0033	46
8990A	PEAK PWR ANA	6625-01-347-2983	30
9008	MOD METER	6625-01-075-3761	3
9035	CNTR W RMT.	6625-01-165-7790	14
9035	COUNTER W/O REMOTE	6625-01-311-2700	5
909808-10	PRESS XFER	6625-01-230-3769	16
921A	GEN	6625-00-433-6477	4
92BD-01	VTM	6625-01-017-8562	6
93001050-01	METER	6625-01-391-1091	6
97	SCOPE METER	6625-01-369-5901	3
AN/UPM 155	RADAR TEST SET	6625-01-307-0512	22
ANUSM 425	SCOPE	6625-01-032-6914	231
BE9000	DEMARC TST SET	6625-01-314-7737	7
CE24A	VTM	6625-01-080-0289	2
CLC-100	MULTIMTR/ BATTERY	6625-01-437-8297	4
CSM1	MON	6625-01-161-4834	22
FA1584	TST	6625-00-773-0049	27
FA5448	MON	6625-00-014-4488	41
FA8169	TST	6625-00-463-3522	5
FA8901	MON	6625-00-311-3357	13
FA8951	MONITOR	6625-00-322-8684	14
FA9410	VID TEST SET	6625-01-308-6446	80

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
FA9411	RF TEST SET	6625-01-308-4401	83
FA9491	TEST	6625-01-313-4410	6
FMAV 500	RADIO TEST	6625-01-302-0578	11
HMP 25U	HUMIDITY PROBE	6625-01-154-1306	9
HVP-56	TESTER	6625-01-369-5886	1
K105-401	TEST SET	6625-01-311-2714	3
K450 XLD	LOGIC ANA	6625-01-311-2715	1
LBO508A	SCOPE	6625-01-304-2182	53
LBO522	SCOPE	6625-01-158-3600	35
LC105	ANA CAP	6625-01-278-3878	6
MC6000	FIREBIRD COMM ANA	6625-01-338-3387	1
MD1A	MUL MTR	6625-00-867-3244	6
MDL 100	CAL MODEL	6625-01-315-6241	3
MDL 20	GEN	6625-01-238-7314	4
MP1	AUDIO POWER METER	6625-00-964-7231	6
MRC6500	CHKR RPTR	6625-01-315-9116	84
NAUS 80	NAUS WATTMTR	6625-01-038-6059	12
PM3267	SCOPE	6625-01-187-3353	47
PM3394	SCOPE	6625-01-393-5058	7
PM3394/063	OSL	6625-01-359-0919	1
PM3655	LOGIC ANA	6625-01-315-4128	5
PM6680	CNTR ELEC	6625-01-364-7519	3
SR 90	TEST SET, RELAY	6625-01-366-5029	1
TDS420A	DIG OSCOPE	6625-01-422-2342	3
TDS620.4	SCOPE	6625-01-396-9930	12
TTS37B	TTS TST	6625-00-918-5721	26
TTS37BAQ	TTS TST	6625-01-020-9995	13
TTS44	XMS TSTR	6625-01-103-6524	177



LEGEND:

DESIGNATES METROLOGY AREA.

DESIGNATES NON-METALLIC AREA.

REV & IN	DATE	DESCRIPTION	CHK'D

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MIKE MONRONEY AERONAUTICAL CENTER — OKLAHOMA CITY, OKLA.

AML-400
METROLOGY & NON-METALLIC AREAS

REVIEWED BY	DESIGNED BY	SUBMITTED BY	APPROVED BY
	DRAWN BY R.W.H.	ISSUED BY FAMLC ENGINEERING & PRODUCTION BRANCH	DATE 2/1/95
	CHECKED BY		DRAWING NO. E-A-3312-2

Technical Exhibit 6

TECHNICAL EXHIBIT 7A
REQUIRED REPORTS/PLANS

Report Type	Format	Reference	When	Copies
Personnel Certification	Letter	1.5.3	Prior to contract start date. Updated as required.	1
Contractor Employees	Roster	1.5.9	5th of each month	1
Security POC	Letter	1.5.1.1	Prior to contract start date. Update as required.	1
Stolen, missing, or damaged government or personal property	Form	1.6.1.3.3 1.6.1.3.4	Within 1 workday	2
Lost key report	Form	1.6.1.6.1	Within 1 hour of loss	1
Quality Plan	Plan	1.7.1	With tech proposal	2
Inspection record file	Form	1.7.1	As requested	2
On-call support	Letter	1.9.3	10 work days prior to contract start date	1
Contingency Plan	Optional	1.10.1	10 work days prior to contract start date	2
Strike Contingency Plan	Optional	1.10.2	10 work days prior to contract start date	2
Inspection by Regulatory Agencies	Letter	1.14	By COB on day following inspection	2
Safety Plan	Plan	1.15	With Quality Plan	2
Accident Report	Report	1.15.1	Within 2 work days of occurrence	2
Transition Plan	Optional	1.16	With Proposal	2

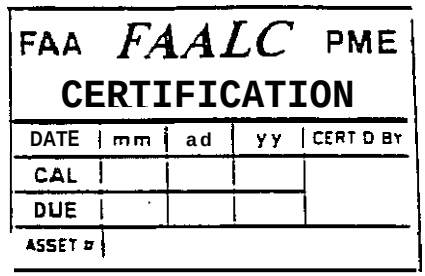
TECHNICAL EXHIBIT 7A
REQUIRED REPORTS/PLANS

Report Tvpe	Format	Reference	When	Copies
Property Control Procedures	Optional	3.5.1	Draft to COTR 30 days after award	2
Property Damage Report	Letter	3.5.13	Within 24 hours of occurrence	1
Contractor acquired equipment	List	4.1	Within 2 weeks	1
Contractor Permits/ Licenses	copy	4.7	Prior to contract start date	1
Test Procedures	Optional	5.2.2.2	To COTR prior to use	1
Delinquent report	Optional	5.2.3.7	Determined by priority	1

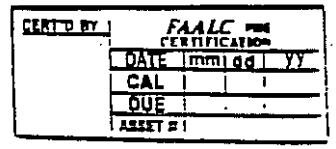
TECHNICAL EXHIBIT 7b

REQUIRED FORMS

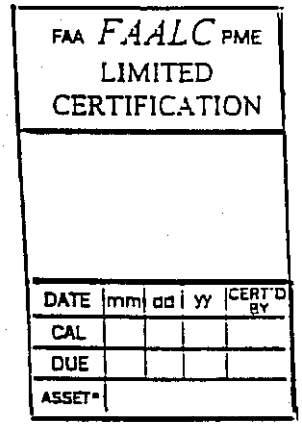
AC FORM	1600-5	Report of Missing/Damaged/Stolen Property
	4510-1	FAALC Certification Label (Large)
	4510-la	FAALC Certification Label (Small)
	4510-2	FAALC Limited Calibration Label
	4510-3	Certification Void Seal
	4510-4	Not Certified Label
	4630-30	NonConforming Product
	4700-49	Reparable Part Tag
	4700-301-2	Condemned Part Tag
	6000-11	Production Order
	6000-11	Production Order Assignment Tag (Serviceable)
	6000-11-7	Production Order Assignment tag (serviceable)
	6040-43	Equipment Beyond Economical repair
	6040-51	Failure & repair History
Shop Form		FAALC Report Of Calibration
COTR Form		Customer Complaint Record
COTR Form		Customer Complaint Record
CDR Form		Contract Discrepancy Report



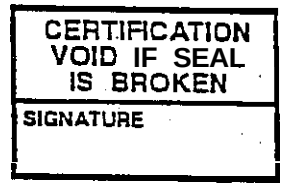
AC' Form 4510-1



AC Form 4510-la



AC Form 4510-2



AC Form 4510-3

AC Form 4510-4

NONCONFORMING PRODUCT

NSN	Qty	Description

REJECT

COMMENTS:

CSA #:

VOUCHER #:

Have you submitted a Customer Service Action?	Yes	No

Date	Originator	Routing Symbol	Telephone No.

AC Form 4630-40 (01/99) (NSN 0052-00-020-4000)

7 QTY	8 WORK ORDER NO	9 DESCRIPTION	10 WC	11 TYPE STD	12 HOURS
13 PN	14 SERIAL NO.	15 REMARKS	16 SUPPORT WC	17 TYPE STD	18 HOURS
19 BREAK DATE	20 PROJ. MGR.		21 SUPPORT WC	22 TYPE STD.	23 HOURS
24 REC'D DATE			26 SUPPORT WC	27 TYPE STD	28 HOURS
29 SCHED. BY	30 DATE	31 UNIT COST	32 SUPPORT WC	33 TYPE STD.	34 HOURS
35 EST. START	36 EST. COMP.	37 REPLACEMENT COST	38 SUPPORT WC	39 TYPE STD.	40 HOURS
41 REPAIR BY	42 DATE	43 TOT. COST AUTH.		45 TYPE STD.	46 HOURS
47 EVAL. BY	48 DATE	49 INTRANSIT LOC.	ASSIGNMENT TAG. AC FORM 6000-11 (10-77) PRODUCTION ORDER		
50 EST. MATL.	51 MAT'L DUE	52 ISSUE VOUCHER	53 ORDER NO.	54 REPAIR LEVEL	

1. ORDER NO.	2. NSN	3. SERIAL NO.	4. WORK ORDER NO.
5 DESCRIPTION	6. EVAL. BY	7. DATE	8. PRIORITY	9. UNIT COST
10. T/C	11. SUPPLY SUPPORT CODE	PROPERTY VOUCHER	12. REPLACEMENT COST
13. SP/HD CODE	☐ PRE-COST ISSUE TO SHOPS ☐ CONFIRMING ISSUE TO SHOP		14. ISSUE VOUCHER

15. QUANTITY	16. UNIT OF ISSUE	17. SERVICE LOCATION	18. ISSUE COND.	19. REP. LOCATION	20. BREAK DATE

21. WORK DESCRIPTION

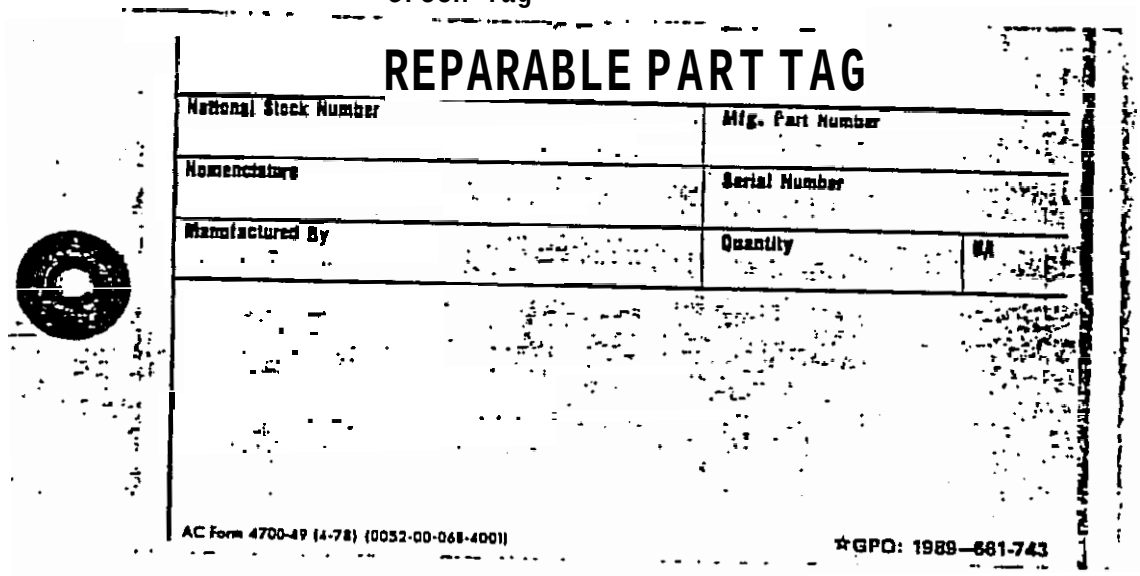
PRIME WC	DATE REC'D	DATE COMP.	REPAIRED BY	REMARKS
ALT WC				
SUPPORT WC				
SUPPORT WC				
SUPPORT WC				
SUPPORT WC				
SUPPORT WC				

PRODUCTION ORDER

hole Routing copy must stay with item at all times

U.S. GOVERNMENT PRINTING OFFICE: 1994-569-088

Green Tag



REPARABLE PART TAG

National Stock Number	Mfg. Part Number
Nomenclature	Serial Number
Manufactured By	Quantity / QA

AC Form 4700-49 (4-78) (0052-00-068-4001)

☆GPO: 1989—681-743

Red Tag

CONDEMNED PART

NSN _____

Part No. _____

Ser. No. _____

Manufacturer _____

TSO _____ Data Removed _____

ARR No. _____ Activity _____

Reason lor Rejection _____

_____

_____

_____

_____

Rejected By _____

FAA Condemned Part Tag
AC Form 4100-301-2 (1-88) (0052-00-599-2000)

1 CODE	2 ORDER NO	3 NSN	4 PRIME WC	5 TYPE STD	6 HOURS
7 QTY	8 WORK ORDER NO	9 DESCRIPTION	10 ALT WC	11 TYPE STD	12 HOURS

SERVICEABLE

ATTACH THIS COPY TO OUTSIDE OF SHIPPING CONTAINER

ASSIGNMENT TAG

AC FORM 8000-11 (10-77) PRODUCTION ORDER

1. CODE	2. ORDER NO.	3. NSN	4. WORK ORDER NO.	5. DATE REC
6. QTY.	7. SERIAL NO.	8. DESCRIPTION	9. SYSTEM CODE	10. UNIT COST
11. ORIG. DOC. NO.		12. COST ACCOUNT CODE	13. PRIME WC	14. TYPE STD.

15. STD. HOU	16. BREAK DATE	17. CUST. IDENTIFIER	18. SEQUENCE 1☐ 2☐ 3☐	19. SUPPORT WC	20. TYPE STD.	21. STD. HOU
	22.	23. DISPOSITION CODE	24. REPAIR LEVEL 1☐ 2☐ 3☐	25. SUPPORT WC	26. TYPE STD.	27. STD. HOURS
	28. SCHED. BY	29. DATE	30. REIMBURSABLE CODE	31. REMARKS		
	32. SHOP ISSUE BY	33. DATE	34. PARTS REQ'D. YES ☐ NO ☐			
	35. REPAIR BY	36. DATE	37. STATUS CODE			
	38. EVAL. BY	39. DATE	40. STOCK LOCATION			

ASSIGNMENT TAG

AC Form 8000-11-1 (12-76) Prod. Order (Sup. Sheet)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

41. ORDER NO.

1. ORDER NO.	2. NSN	3. SERIAL NO.	4. WORK ORDER NO.
5. DESCRIPTION	6. EVAL BY	7. DATE	8. PRIME WC
9. UNIT COST	10. T/C	11. SUPPLY SUPPORT CODE	PROPERTY VOUCHER
12. ORIG. DOC. NO.			

REQUEST YOU PERFORM: ☐ FABRICATION ☐ MODIFICATION ☐ INSPECTION, and /or ☐ OTH

QUANTITY	PRIORITY	DATE REQUIRED

REMARKS

APPROVED BY	REQUESTED BY

QUANTITY	UNIT OF ISSUE	ISSUE COND.	BREAK DATE

SHOP TURN IN TO STOCK

NSN _____ | — | FROM CONDITION_____ QTY._____ U/I_____

T/C_____ | — | TO CONDITION _____ QTY._____ U/I_____

QTY	7 SERIAL NO	8 DESCRIPTION	9 SYSTEM CODE	10 UNIT COST

11 ORIG. DOC. NO	12. COST ACCOUNT CODE	13. PRIME WC	14. TYPE STD	15 STD HOURS

16. BREAK DATE	17. CUST. IDENTIFIER	18. SEQUENCE 1☐ 2☐ 3☐	19. SUPPORT WC	20. TYPE STD.	21. STD. HOURS

22.	23. DISPOSITION CODE	24 REPAIR LEVEL 1☐ 2☐ 3☐	25. SUPPORT WC	26. TYPE STD	27. STD. HOURS

28. SCHED. BY	29. DATE	30. REIMBURSABLE CODE	31. REMARKS

32. SHOP ISSUE BY	33. DATE	34. PARTS REQ'D YES ☐ NO ☐

35. REPAIR BY	36. DATE	37. STATUS CODE

38. EVAL. BY	39. DATE	40. STOCK LOCATION

ASSIGNMENT TAG

AC FORM 6000-11-7 (7-73) W. O./PROD. ORDER

PAGE 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

41. ORDER NO.

1. ORDER NO.	2. NSN	3. SERIAL NO.	4. WORK ORDER NO.

5. DESCRIPTION	6. EVAL BY	7. DATE	8. PRIME. WC	9. UNIT COST

10. T/C	11. SUPPLY SUPPORT CODE	PROPERTY VOUCHER	12. ORIG. DOC. NO.

REQUEST YOU PERFORM: ☐ FABRICATION ☐ MODIFICATION ☐ INSPECTION, and /or ☐ OTHER

QUANTITY	PRIORITY	(DATE REQUIRED

REMARKS

APPROVED BY	REQUESTED BY

QUANTITY	UNIT OF ISSUE	ISSUE CDND.	BREAK DATE

U.S. Department of Transportation
Federal Aviation Administration

Memorandum

Subject: INFORMATION: Equipment Beyond Economical Repair

Date:

From:

Reply to Attn of:

To:

Regarding repair of _____ NSN _____

sent to shops on Transaction #_____

dated_____, replacement cost _____, estimated repair cost_____. I have determined thar:

It is physically impractical to repair this item.

Remarks: _____

_____

_____

_____

It is uneconomical to repair this item.

Remarks: _____

_____

_____

_____

Coordinated with: _____ IM# _____

Signature: _____

Title: _____

FAILURE & REPAIR HISTORY

CONTROL NO. _____ SERIAL NO. _____

MOD/REV LEVEL _____ P/N _____

NSN _____ MFG _____

SHIP FROM SSC _____ PRIORITY _____

DATE IN SHOPS _____ CONTRACT# _____

DATE REPAIR COMPLETE _____

PURCHASE ORDER/DELIVERY ORDER _____

FAILURE DATA

ALL REPAIR AND FAILURE CODES ON BACK OF THIS SHEET

DATE IN W/C	W/C	FAIL CODE	FAIL IND	FAILED ITEM	REPAIR CODE	REPAIR IND	REPAIRED ITEM	DATE OUT W/C

REMARKS: _____

Name _____ Phone _____
(for reference only)

Failure & Repair History report (Back side)

FAIL CODE DEFINITIONS

code	description
02	ARCING
03	OUT OF TOLERANCE
04	BENT
05	BLOWN
06	BROKEN
07	BROKENLAND
08	BURNED
09	BURNEDLAND
10	CORRODED
11	COLD SOLDER JOINT
12	CRACKED
13	BROKEN WIRE
14	DAMAGED IN SHIP
15	DAMAGED CONNECTOR
16	DEFECTIVE
18	DIRTY
20	FAILED
22	FROZEN
24	GROUNDED
25	HIGH LOSS
26	HIGH INPUT
28	HIGH RIPPLE
30	INOPERATIVE
32	INTERMITTENT
34	JAMMED
36	LEAKING
38	LIGHTENING
40	LOOSE
42	LOW OUTPUT
44	MISALIGNED
46	MISSING
48	MOISTURE
49	NARROW BAND WIDTH
50	NOISY
52	NONE DETECTED
54	NO OUTPUT
56	OPEN
58	PENETRATED
60	REMARKS
61	SCRATCHED
62	SEVERED
64	SHATTERED
65	SOLDER BRIDGE
66	SHORTED
67	UNSTABLE
68	VIBRATES
69	UNAUTH MODIFICATION
70	WORN
71	WRONG PARTS
72	UNMODIFIED
74	STRIPPED
76	DETERIORATED
76	TORN
80	WARPED
81	MISMATCHED
82	DISTORTED
83	PREVENTIVE MAINT
84	SLOWS FUSES
86	FRAYED
88	WEATHERED
92	FAIL ATE
96	FAIL SYSTEM

REPAIR CODE DEFINITIONS

code	description
02	ADJUST
03	AUGN
04	BAKE
05	PREVENTIVE MAINT.
06	CALIBRATE
08	CLEAN
10	DE-ENCAPSULATE
11	DISASSEMBLE
12	ENCAPSULATE
14	FABRICATE
16	GRIND
18	IMPREGNATE
20	INSTALL
22	INSULATE
24	LUBRICATE
26	MACHINE
28	MODIFY
30	MOLD
32	NONE REQUIRED
33	OPERATIONAL CHECK
34	PAINT
36	PLATE
37	REASSEMBLE
38	REFINISH
40	REFURBISH
42	REMARKS
43	REMOVED
44	REPLACE
45	RESEAL
46	REWIND
48	REWIRE
50	SAND BLAST
52	SHAPE
54	SOLDER
56	STRIP
57	STRAIGHTENED
58	TEMPER
60	TIGHTEN
62	UNREPAIRABLE
64	WELD
66	RE-PROGRAM
68	RE-SEAT CCA
70	ALIGNED
72	SHIP TO FACILITY
74	LAP HEAD
75	REPAIR
84	SURVEY
86	SHOTGUN
90	PASS ATE
94	PASSSYSTEM

REPAIR INDICATOR DEFINITIONS

"C" INDICATES CIRCUIT SYMBOL IN NEXT FIELD

"N" INDICATES NEXT FIELD CONTAINS A NOUN

"P" INDICATES NEXT FIELD CONTINS A FARTNUMBEF.

ROM:
'EPARTMENT OF TRANSPORTATION
:EDERAL AVIATION ADMINISTRATION
AA DEPOT
O BOX 25082
00 S. MAC ARTHUR
KLAHOMA CITY, OKLAHOMA 73125

F M FOAM 4250-4 (1-93)

SHIPPING ORDER

(FOR "SS" WORK)

OUTGOING VOUCHER NO. | PROCESSING DATE | PAGE

NUMBER OF PACKAGES | TOTAL WEIGHT

PACKER | G B.L NUMBER

CARRIER(S)

DATE SHIPMENT SCHEDULED | DATE SHIPPED

APPROPRIATION/AGREEMENT NUMBER

COST CENTER CODE | JOB ORDER NO | AS

PCN | SUPPLY SUPPORT CODE

SHIP TO:
r

L

MARK FOR:

ITEM NO	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QUANTITY	COST UNIT	COST TOTAL	TRANSP	*COND.	*Q.U.P.	ACCTG.	TRANSACTION CODE	ACCOUNT	UNSHIPPED * CODE	UNSHIPPED B.O.R DATE (EST.)	REG. ACT	PCN LINE ITEM NO	QUANTITY RECD / REFER

ITEMS RECEIVED IN GOOD CONDITION EXCEPT AS | DATE | INCOMING VOUCHER NO. | VOUCHER COST

*SEE REVERSE SIDE OF THIS FOAM FOR LEGEND OF CODES

1

FAA LOGISTICS CF 'ER
STANDARDS LABORA-JRY
REPORT OF CALIBRATION

MANUFACTURER _____ MODEL NUMBER _____

DESCRIPTION _____ SERIAL NO. _____

DATE OF CAL _____ ID NUMBER _____

THIS INSTRUMENT WAS CALIBRATED WITH STANDARDS MAINTAINED BY THE FAA LOGISTICS CENTER'S STANDARDS LABORATORY. THESE STANDARDS ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST). THE ORIGINAL MANUFACTURER'S PERFORMANCE TESTS, CALIBRATION PROCEDURES, REPAIR PROCEDURES, OR APPROVED MILITARY CALIBRATION PROCEDURES HAVE BEEN USED UNLESS OTHERWISE DENOTED. ALL PARAMETERS MEET ORIGINAL MANUFACTURER'S SPECIFICATIONS UNLESS OTHERWISE DENOTED.

STANDARDS USED FOR CALIBRATION:

MODEL #	ID #/(IF NO ID#, LIST SERIAL # AND DATE DUE)

COMMENTS: (PROCEDURES OTHER THAN MANUFACTURER'S, LIMITED CALIBRATION INFORMATION, CAL INTERVAL CHANGES, ETC.)

RESULTS:

_____ CALIBRATION ONLY (NO DEFECTS FOUND)

_____ REPAIR AND CAL (SEE FAILURE REPAIR HISTORY)

_____ ADJUSTED/OUT OF TOLERANCE (SEE COMMENTS)

_____ LIMITED (SEE COMMENTS)

TECHNICIAN _____ INTERVAL _____ YEAR

	CONTRACT DISCREPANCY REPORT	REPORT NO.

contract #	Date:
TO: (Contractor Manager's Name)	From: (C.O.)

Discrepancy: (Describe in detail with specific PWS reference)

C. O. Signature:	COTR Signature:

Contractor Response: (State cause, corrective action, and actions to, prevent recurrence)

Signature of Contractor: Date:

Government Evaluation and Actions: (Full/partial acceptance, rejection, reduced payment, cure notice, show cause)

CLOSE OUT

	NAME-TITLE	SIGNATURE	DATE
CONTRACTOR			
COTR			
CO			

CUSTOMER COMPLAINT RECORD

CUSTOMER ENTRIES

FROM: (NAME) _____ DATE _____

WORKCENTER _____ PHONE _____

COMPLAINT/DISCREPANCY:

TO CONTRACTOR:	FROM COTR:

ACTION TAKEN BY CONTRACTOR:

COTR VALIDATION COMMENTS:

TECHNICAL EXHIBIT 8

FAA APPLICABLE DOCUMENTS

The following documents are in effect on the date of this invitation-for-bid or request for proposal, form a part of this performance work statement and are applicable except where modified.

Documents: The contractor shall ensure all publications received are posted to date. MMAC orders are identified in this tech exhibit by AC preceding the order number.

The listed publications are coded as follows: M Manadatory
A Advisory

ID Number	Title	Reference	Code
FAA 1600.1D	Personnel Security Program	1.6.1.5	A
FAA 1600.54B	Automated security Systems	1.6.1.2	A
AC 1050.4	Spill Prevention and Response Plan	1.11.1	M
FAA 1900.1F	FAA Emergency Operations Plan	1.15	M
FAA 3900.19B	Occupational Safety and Health	1.15	A
AC 3900.21E	Occupational Safety	1.15	A
AC 6200.4F	Test Equipment Management Handbook	5.2.1.2	M
FAAD-Std-1003b	Servicing Standard For Ground Equipment	5.2.1.2	M
FAAD-Std-1294C	Servicing Standards and Test Requirements for Electronic Test Equipment	5.2.1.2	M
FAAD-Std-1328C	Repair and Testing Requirements For Electronic Test Equipment	5.2.1.4	M
ANSI/NCSL Z540-1-1994	Calibration Laboratories and Measuring and Test Equipment	4.4 5.2.1.1	M

TECHNICAL EXHIBIT 8

FAA APPLICABLE DOCUMENTS

The following codes and standards shall be obtained for reference by the contractor:

ID Number	Reference
10 CFR, part 490	1.12.1
ANSI Standards	1.15
NFPA Codes (Vol 1-13)	1.15
NEC (Vol #70 and 70E)	1.15
29 CFR 1910 OSHA Stds	1.15
29 CFR 1926 OSAH Stds	1.15
40 CFR 243	4.1

REGISTER OF WAGE DETERMINATIONS UNDER
M E SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON. D.C. 20210

William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1994-2432
Revision No.: 12
Date of Last Revision: 09/18/2000

State: Oklahoma

Area: Oklahoma Counties of Alfalfa. Atoka, Beckham, Blaine. Bryan. Caddo, Canadian. Carter, Cleveland, Coal, Custer, Dewey, Ellis. Garfield, Garvin, Grady. Grant, Harper. Hughes. Johnston. Kingfisher, Lincoln, Logan, Love, Major, Marshall, McClain, Murray, Noble. Oklahoma. Payne, Pontotoc, Pottawatomie, Roger Mills, Seminole. Washita. Woods, Woodward

** Fringe Benefits Required Follow the Occupational Listing **

OCCUPATION TITLE	MINIMUM WAGE RATE
Administrative Support and Clerical Occupations	
Accounting Clerk I	9.22
Accounting Clerk II	10.15
Accounting Clerk III	13.01
Accounting Clerk IV	17.39
Court Reporter	12.32
Dispatcher. Motor Vehicle	13.46
Document Preparation Clerk	9.22
Duplicating Machine Operator	9.22
Film/Tape Librarian	9.88
General Clerk I	8.70
General Clerk II	9.43
General Clerk III	11.94
General Clerk IV	17.20
Housing Referral Assistant	14.96
Key Entry Operator I	8.70
Key Entry Operator II	9.87
Messenger (Courier)	9.49
Order Clerk I	8.09
Order Clerk II	11.18
Personnel Assistant (Employment) I	10.41
Personnel Assistant (Employment) II	11.36
Personnel Assistant (Employment) III	14.17
Personnel Assistant (Employment) IV	16.43
Production Control Clerk	15.50
Rental Clerk	10.35
Scheduler. Maintenance	10.35
Secretary I	10.35
Secretary II	12.90
Secretary III	14.96
Secretary IV	16.81

Secretary V	17.80
Service Order Dispatcher	10.80
Stenographer I	8.80
Stenographer II	[illegible]
Supply Technician	[illegible]
Survey Worker (Interviewer)	12.32
Switchboard Operator-Receptionist	8.75
Test Examiner	12.90
Test Proctor	12.86
Travel Clerk I	8.77
Travel Clerk II	9.21
Travel Clerk III	9.65
Word Processor I	7.63
word Processor II	9.14
Word Processor III	9.92
Automatic Data Processing Occupations	
Computer Data Librarian	8.07
Computer Operator I	8.28
Computer Operator II	10.19
Computer Operamr III	13.66
Computer Operator IV	14.78
Computer Operamr V	[illegible]
Computer Programmer I (1)	15.76
Computer Programmer II (1)	18.08
Computer Programmer III (1)	22.36
Computer Programmer IV (1)	25.99
Computer Systems Analyst I (1 j	20.78
Computer Systems Analyst II (1)	23.26
Computer Systems Analyst III (1)	26.68
Peripheral Equipment Operator	9.29
Automotive **Service** Occupations	
Automotive Body Repairer. Fiberglass	15.64
Automotive Glass Installer	14.08
Automotive Worker	14.08
Electrician. Automotive	14.86
Mobile Equipment Servicer	12.54
Motor Equipment Metal Mechanic	15.64
Motor Equipment Metal Worker	14.08
Motor Vehicle Mechanic	15.64
Motor Vehicle Mechanic Helper	11.75
Motor Vehicle Upholstery Worker	13.31
Motor Vehicle Wrecker	14.08
Painter, Automotive	14.86
Radiator Repair Specialist	14.08
Tire Repairer	12.12
Transmission Repair Specialist	15.64

ATTACHMENT 2
PAGE NO. 2 OF 10

Food Preparation and Service Occupations	
Baker	9.04
Cook I	7.51
Cook II	9.04
Dishwasher	6.60
Food Service Worker	6.50
Meat Cutter	10.39
Waiter/Waitress	6.75
Furniture Maintenance and Repair Occupations	
Electrostatic Spray Painter	14.86
Furniture Handler	10.36
Furniture Refinisher	14.86
Furniture Refinisher Helper	11.75
Furniture Repairer. Minor	13.31
Upholsterer	14.86
General Services and Support Occupations	
Cleaner. Vehicles	7.12
Elevator Operator	7.32
Gardener	9.17
House Keeping Aid I	6.49
House Keeping Aid II	7.32
Janitor	7.32
Laborer, Grounds Maintenance	7.71
Maid or Houseman	6.49
Pest Controller	9.81
Refuse Collector	7.32
Tractor Operator	8.60
Window Cleaner	7.76
Health Occupations	
Dental Assistant	10.93
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	11.19
Licensed Practical Nurse I	9.00
Licensed Practical Nurse II	10.11
Licensed Practical Nurse III	11.32
Medical Assistant	9.93
Medical Laboratory Technician	10.11
Medical Record Clerk	9.77
Medical Record Technician	13.54
Nursing Assistant I	7.10
Nursing Assistant II	7.98
Nursing Assistant III	8.71
Nursing Assistant IV	9.77
Pharmacy Technician	12.19
Phlebotomist	10.11
Registered Nurse I	14.01

Registered Nurse II	17.14
Registered Nurse II, Specialist	17.14
Registered Nurse III	20.77
Registered Nurse III, Anesthetist	[illegible]
Registered Nurse IV	24.85

Information and Arts Occupations

Audiovisual Librarian	16.49
Exhibits Specialist I	14.78
Exhibits Specialist II	16.34
Exhibits Specialist III	20.40
Illustrator I	14.78
Illustrator II	16.34
Illustrator III	20.40
Librarian	16.02
Library Technician	11.07
Photographer I	10.96
Photographer II	13.53
Photographer III	16.34
Photographer IV	20.40
Photographer V	23.41

Laundry, Dry Cleaning, Pressing and Related Occupations

Assembler	6.11
Counter Attendant	6.11
Dry Cleaner	7.90
Finisher, Flatwork, Machine	6.11
Presser. Hand	6.11
Presser, Machine. Drycleaning	6.11
Presser. Machine, Shirts	6.11
Presser, Machine. Wearing Apparel, Laundry	6.11
Sewing Machine Operator	8.48
Tailor	9.05
Washer, Machine	6.69

Machine Tool Operation and Repair Occupations

Machine-Tool Operator (Toolroom)	14.86
Tool and Die Maker	20.20

Material Handling and Packing Occupations

Forklift Operator	11.46
Fuel Distribution System Operator	14.02
Material Coordinator	14.54
Material Expediter	14.54
Material Handling Laborer	10.95
Order Filler	11.74
Production Line Worker (Food Processing)	11.46
Shipping Packer	10.57
Shipping/Receiving Clerk	10.57

Stock Clerk (Shelf Stocker; Store Worker II)	12.16
Store Worker I	10.06
Tools and Parts Attendant	11.46
Warehouse Specialist	11.46
Mechanics and Maintenance and Repair Occupations	
Aircraft Mechanic	15.64
Aircraft Mechanic Helper	11.75
Aircraft Quality Control Inspector	16.44
Aircraft Servicer	13.31
Aircraft Worker	14.08
Appliance Mechanic	14.86
Bicycle Repairer	12.12
Cable Splicer	17.99
Carpenter, Maintenance	14.86
Carpet Layer	14.08
Electrician, Maintenance	16.03
Electronics Technician. Maintenance I	13.01
Electronics Technician. Maintenance II	19.57
Electronics Technician. Maintenance III	21.95
Fabric Worker	13.31
Fire Alarm System Mechanic	15.64
Fire Extinguisher Repairer	12.54
Fuel Distribution System Mechanic	15.64
General Maintenance Worker	14.03
Heating, Refrigeration and Air Conditioning Mechanic	15.64
Heavy Equipment Mechanic	15.64
Heavy Equipment Operator	15.64
Instrument Mechanic	17.02
Laborer	8.41
Locksmith	14.86
Machinery Maintenance Mechanic	15.53
Machinist Maintenance	15.64
Maintenance Trades Helper	11.75
Millwright	16.24
Office Appliance Repairer	14.86
Painter, Aircraft	14.86
Painter, Maintenance	14.86
Pipefitter, Maintenance	16.36
Plumber, Maintenance	15.56
Pneudraulic Systems Mechanic	15.64
Rigger	15.64
Scale Mechanic	14.08
Sheet-Metal Worker. Maintenance	15.64
Small Engine Mechanic	14.08
Telecommunication Mechanic I	17.99
Telecommunication Mechanic II	18.86
Telephone Lineman	17.99
Welder, Combination, Maintenance	15.64

ATTACHMENT 2
PAGE NO. 5 OF 10

Well Driller	13.64
Woodcraft Worker	15.64
Woodworker	12.54
Miscellaneous Occupations	
Animal Caretaker	7.37
Carnival Equipment Operator	8.65
Carnival Equipment Repairer	9.23
Carnival Worker	6.72
Cashier	6.86
Desk Clerk	8.41
Embalmer	16.57
Lifeguard	8.63
Mortician	16.57
Park Attendant (Aide)	10.84
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.62
Recreation Specialist	11.65
Recycling Worker	13.64
Sales Clerk	8.06
School Crossing Guard (Crosswalk Attendant)	6.37
Sport Official	8.63
Survey Party Chief (Chief of Party)	16.23
Surveying Aide	9.04
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	12.97
Swimming Pool Operator	9.04
Vending Machine Attendant	7.51
Vending Machine Repairer	9.04
Vending Machine Repairer Helper	7.51
Personal Needs Occupations	
Child Care Attendant	8.41
Child Care Center Clerk	12.06
Chore Aid	8.01
Homemaker	13.40
Plant and System Operation **Occupations**	
Boiler Tender	15.64
Sewage Plant Operator	14.86
Stationary Engineer	17.20
Ventilation Equipment Tender	11.75
Water Treatment Plant Operator	14.86
Protective Service Occupations	
Alarm Monitor	9.57
Corrections Officer	12.62
Court Security Officer	12.96
Detention Officer	12.62
Firefighter	10.91
Guard I	7.77

Guard II	11.40
Police Officer	13.80
Stevedoring/Longshoremen Occupations	
Blocker and Bracer	15.79
Hatch Tender	13.73
Line Handler	13.73
Stevedore I	14.94
Stevedore II	16.67
Technical Occupations	
Air Traffic Control Specialist, Center (2)	26.07
Air Traffic Control Specialist Station (2)	17.98
Air Traffic Control Specialist, Terminal (2)	19.75
Archeological Technician I	11.94
Archeological Technician II	13.36
Archeological Technician III	16.54
Cartographic Technician	16.63
Civil Engineering Technician	16.34
Computer Based Training (CBT) Specialist/ Instructor	21.76
Drafter I	10.58
Drafter II	12.22
Drafter III	16.11
Drafter IV	18.81
Engineering Technician I	12.54
Engineering Technician II	15.71
Engineering Technician III	17.26
Engineering Technician IV	22.36
Engineering Technician V	25.80
Engineering Technician VI	29.61
Environmental Technician	17.03
Flight Simulator/Instructor (Pilot)	26.55
Graphic Artist	18.92
instructor	19.76
Laboratory Technician	12.23
Mathematical Technician	18.80
Paralegal/Legal Assistant I	12.32
Paralegal/Legal Assistant II	16.05
Paralegal/Legal Assistant III	19.63
Paralegal/Legal Assistant IV	23.76
Photooptics Technician	19.64
Technical Writer	20.46
Unexploded (UXO) Safety Escort	16.57
Unexploded (UXO) Sweep Personnel	16.57
Unexploded Ordnance (UXO) Technician I	16.57
Unexploded Ordnance (UXO) Technician II	20.05
Unexploded Ordnance (UXO) Technician III	24.02
Weather Observer, Combined Upper Air and Surface Programs (3)	13.83
Weather Observer, Senior (3)	15.91

Weather Observer. Upper Air (3)	13.83
Transportation1 Mobile Equipment Operation Occupations	
Bus Driver	11.40
Parking and Lot Atlendant	8.00
Shuffle Bus Driver	10.09
Taxi Driver	9.49
Truckdriver. Heavy Truck	13.69
Truckdriver, Light Truck	10.09
Truckdriver. Medium Truck	11.40
Truckdriver. Tractor-Trailer	13.69

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor. 3 weeks after 10 years, and 4 after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 1

THE [illegible] WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as [illegible]):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4, 156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay, plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duly, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duly is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard [illegible] ding working with or in close [illegible]ro[illegible]ity to explosives and incendiary [illegible]te[illegible]l[illegible] involved in res[illegible]a[illegible]t, testing, manufacturing, inspection, renovation, maintenance, and disposal. [illegible]s: Screening, blending, dying, mixing, and pressing of sensitive explosives pyrotechnic compositions [illegible]h as [illegible]ad azide, black powder and photoflash power. All dry-house activities involving propellants [illegible]s. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive [illegible]s [illegible] incendiary materials. All operations involving regarding and cleaning of artillery [illegible]s

A 4 Percent differentialis applicable to employees employed in a position that represents a low degree of hazard. Including working with or in close proximity to explosives and incendiary materials which, involves potential injury such as laceration of hands. face. or arms of the employee engaged in the operation and,

possibly adjacent employees, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used.

All operations involving, unloading, storage, and hauling of explosive and incendiary ordnance material other than small arms ammunition. (Distribution of raw nitroglycerine is covered under high degree hazard.)

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in me performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms Without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.35 per week (or 8.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor. by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance msts.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition. January 1993, as amended by the Third Supplement dated March 1997, unless otherwise indicated. This publication may be obtalned from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents. U.S. Government Printing Office. Washington. D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracbng officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444))

Conformance Process:

The contracbng officer shall require that any is f service nployee which is not listed herein and which is to be employed under the contract (i.e., the to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate. and/or finge benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of th authorized representative of the employees involved; or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work

31 The contracting officer reviews the proposed action and promptly submits a report of the action, together

ATTACHMENT 2
PAGE NO. 9 OF 10

with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4)

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

information required by the Regulations must be submitted on SF 1444 or bond paper

When preparing a conformance request the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is Included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

ATTACHMENT 2
PAGE NO. 10 OF 10

ATTACHMENT 3

*ADJUDICATIVE STANDARDS: ISSUES

Major issues or conduct which standing alone would be disqualifying under suitability, for any position is a conviction record within the past 9 years, particularly for issues 1, 2, 4, 5, 6, or 8. In addition, a pattern is defined as two or more convictions or a combination of two or more issues of any or all of the items listed below.

1. Issues related to use or possession of intoxicants:
   Pattern of excessive use as reflected in (1) conviction record; (2) job performance; (3) employment history; (4) inability to function responsibly; (5) medical treatment; and (6) health.

2. Issues related to illegal use/possession of controlled substances or marijuana:
   Pattern of excessive use as reflected in (1) conviction record; (2) job performance; (3) employment history; (4) inability to function responsibly; (5) medical treatment; (6) health; (7) manufacturing; (8) addiction; (9) importing/trafficking; and (10) cultivating for sale.

3. Issues related to financial responsibility:
   Pattern of irresponsibility as reflected in (1) credit history; (2) disregard for debts; (3) abuse of fiduciary trust; and (4) continuing, major, valid liabilities.

4. Issues related to immoral conduct:
   Pattern of misconduct as reflected in (1) conviction record; (2) medical treatment; (3) public knowledge; (4) child molestation; (5) sexual assault statutory rape; (6) incest; and (7) bestiality.

5. Issues related to honesty:
   Pattern of dishonesty as reflected in (1) disregard for truth; (2) conviction records; (3) abuse of trust; (4) employment records; (5) blackmail; (6) counterfeiting; (7) extortion; (8) armed robbery; and (9) intentional false statement or deception or fraud in examination or appointment.

6. Issues related to disruptive or violent behavior:
   Pattern of violence as reflected in (1) conviction record; (2) disregard for life or property; (3) civil actions; (4) employment record; (5) medical record; (6) aggravated assault; (7) assault with a deadly weapon; (8) assault with intent to commit rape; (9) kidnapping/abduction; (10) murder; (11) rape; (12) arson; (13) threat or assault upon a public official; (14) voluntary manslaughter; and (15) child abuse.

7. Issues related to termination or forced resignation:
   Pattern of unemployability based on misconduct or delinquency as reflected in employment history.

8. Issues related to firearms/weapons:
   Improper/illegal sale or transportation of firearm or explosive; manufacture of firearms or explosives.

9. Miscellaneous issues:
   Hatch Act violation; (2) mutilation/destruction of public records; (3) engaging in riots or civil disorders; (4) striking against Government; and (5) desertion.

ATTACHMENT 4
SCREENING STANDARDS-CONTRACTOR

1. Record of conviction for illegal use or possession of intoxicants;

2. Record of conviction for illegal use, possession, or sale of controlled substances or marijuana;

3. Record of conviction of criminal behavior relating to immoral conduct, such as child molestation, rape, sexual assault, incest, bestiality, indecent exposure, lewd acts, etc.;

4. Record of conviction of criminal behavior relating to dishonesty, such as theft, larceny, burglary, robbery, forgery, extortion, counterfeiting, blackmail, fraud, conversion, sale, or possession of stolen property, embezzlement, etc.;

5. Record of conviction for criminally disruptive or violent behavior, such as assault, battery, kidnapping, abduction, murder, rape, arson, vandalism, voluntary manslaughter, child abuse, etc.;

6. Record of conviction for illegal use, possession, manufacture, or sale of firearms or explosives.

7. Violation of Hatch Act restrictions (5 U.S.C. Chapter 73), mutilation/destruction of public records, striking against the Government, desertion from the military, disregard for debts, engaging in riots or civil disorders, or a pattern of unemployability based upon misconduct or delinquency as reflected in employment history.

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
GENERATOR SYNTHESIZER	3336C	HP	1932A00926	4400
PLUGIN AMPLIFIER	7B92A	TEK	B064142	1736.64
TRANSFORMER RATIO	DT72A	ELECT SCIE	20785DT72A	2998.91
COUNTER	5350 OPT 06	HP	2510A00515	4725
DISPLAY DASI	FA100352	C&G	1284	371
SENSOR TRANSLATOR	FA100351	C&G	167	2938
GENERATOR SIGNAL	8673B	HP	2704A00966	48984
GENERATOR SIGNAL	8642B	HP	2647A01017	27856.82
CONVERTER MICROWAVE	11793A	HP	2639A00432	5670
SENSOR MODULE 18 GHZ	11792A	HP	2407A00457	2835
THERMAL CONVERTER	A55-5VOLT	FLUKE	4040000	622.36
ANALYZER DISTORTION	8903B	HP	2652A02458	5513.13
CONTROLLER	1722A	FLUKE	3970014	9629.55
GENERATOR SIGNAL	8642B	HP	2723A01252	27789
CALIBRATOR AC	5200A	FLUKE	4345007	11092
MEASURING RECEIVER	8902A	HP	2717A01753	19301.01
HARD DISK SUBSYSTEM	8020	BERING	33	1459
CONVERTER THERMAL 3V	1395A-3	BALLANTINE	4308	450
CONVERTER THERMAL 6V	1395A-6	BALLANTINE	4356	450
NOISE SOURCE WITH/OPT	346B	HP	2614A07837	1403.58
CALIBRATOR	5700A	FLUKE	4720020	22508.3
AMPLIFIER	5725A	FLUKE	4663008	7473
COAXIAL HYBRID	3032	NARDA	413	525.33
WWVB REC DISCIPLINED OSCI	8164	SPECTRACOM	8164-0548	5761.8
BI-DIRECTION COAX COUPLER	3020A	NARDA	60245	820.32
SHUNT AC CURRENT	A40-0.2A	FLUKE	900004	364.09
BI-DIRECTION COAX COUPLER	12598-M-2565	RLC ELECTR	447184	325
SHUNT AC CURRENT	A40-0.02A	FLUKE	2720007	364.09
CAPACITOR STANDARD	1409-F	GEN RADIO	6565	147.57
CAPACITOR STANDARD .005 U	1409-K	GEN RADIO	4948	147.57
CAPACITOR STANDARD .01 UF	1409-L	GEN RADIO	6855	147.57
CAPACITOR STANDARD .05 UF	1409-R	GEN RADIO	6172	147.57
CAPACITOR STANDARD .1 UF	1409-T	GEN RADIO	7115	147.57
CAPACITOR STANDARD .5 UF	1409-X	GEN RADIO	5527	147.57
DETECTOR PEAK TO PEAK	067-0625-00	TEK	781	417.67
INDUCTOR STANDARD 50 UH	1482-A	GEN RADIO	11301	147.2
INDUCTOR STANDARD 100 UH	1482-B	GEN RADIO	6903	147.2
INDUCTOR STANDARD 1 MM	1482-E	GEN RADIO	11190	147.2
INDUCTOR STANDARD 10 MM	1482-H	GEN RADIO	7352	147.2
INDUCTOR STANDARD 100 MH	1482-L	GEN RADIO	7602	147.2
INDUCTOR STANDARD 500 MH	1482-N	GEN RADIO	7935	147.2
INDUCTOR STANDARD 1 H	1482-P	GEN RADIO	10947	147.2
INDUCTOR STANDARD 5 H	1482-R	GEN RADIO	10424	147.2
INDUCTOR STANDARD 10 H	1482-T	GEN RADIO	8107	147.2
THERMAL CONVERTER	A55-1V	FLUKE	849	600
OSCILLOSCOPE	54110D	HP	2826A01465	19644.3
BI-DIRECTION COAX COUPLER	3020A	NARDA	1270	820.32
DIGITAL MULTIMETER	8840A	FLUKE	3958183	1073
POWER METER	438A	HP	2634A03338	4900
ANALYZER AUDIO	8903A	HP	2407A03561	6620
SENSOR MODULE 4 GHZ	11722A	HP	2716A01642	1900

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	(MODEL	(MANUFACTURER	SER_NO	(COST
SENSOR MODULE 4 GHZ	11722A	HP	2320A00355	1902
REMOTE DISPLAY	FA995417	AIRFLO INS	177	600
DIGITAL MULTIMETER	8520A	FLUKE	2970022	2995
GENERATOR SIGNAL	6071A	FLUKE	2970021	18000
GENERATOR SIGNAL	6011A	FLUKE	2975005	7135
POWER SPLITTER	11667A	HP	18252	935
MAINFRAME POWER MODULE	TM5006	TEK	B037491	1200
GENERATOR OSCILL CALIB	CG5001	TEK	B030506	16684.47
MAINFRAME POWER MODULE	TM5006	TEK	B020306	1200
THERMAL CONVERTER	1395A-1	BALLANTINE	4431	493
POWER SPLITTER	11667A	HP	18250	935
PRECISION POWER AMPLIFIER	5205A	FLUKE	3005002	9505
DIGITAL MULTIMETER	8502A	FLUKE	3005015	7205
METER CALIBRATOR	5100B	FLUKE	3240003	14310
COUNTER TIMER P/O 7405	1953A	FLUKE	3090015	1335
CURRENT SHUNT	A40-1 AMP	FLUKE	905008	364.09
CABINET YELLOW				508.12
CABINET YELLOW				508.12
CABINET YELLOW				1508.12
COUNTER ELECTRONIC	5245L	HP	716-12119	13118.5
PRINTER CENTER	1980		13359	3650
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88030083	81.9
PRINTER	X24: P/N799-166	IBM	110066064	503
CURRENT SHUNT	A40-3 AMP	FLUKE	795010	364.09
CURRENT SHUNT	A40-.I AMP	FLUKE	925014	364.09
SOLDERING STATION	PRCI50A	PACE	3305	954.16
SOLDERING STATION	PRC151	PACE	9410	342.1
SOLDERING STATION	PRC151	PACE	9634	342.1
SOLDERING STATION	PRC151	PACE	9442	342.1
ATTENUATOR 1DB STEP 1GHz	355D	HP	1204A27986	412.75
COUNTER	6153-50	SYS DONNER	25025-2	6038.25
COUNTER	6153-50NER	SYS DONNER	53002	3450
DETECTOR NULL	845AB	FLUKE	4220001	1963.5
POWER SPLITTER	11667A	HP	18253	935
CALIBRATOR POWER METER	8477A	HP	1922A01512	568.1
OSCILLOSCOPE M/F 500MHZ	7904	TEK	B123756	4358
PLUGIN SAMPLING SWEEP	7T11A	TEK	B021365	5775
PLUGIN SIGNAL GENERATOR	SG503	TEK	B068914	1780
PLUGIN MODULE GEN CALIB	PG506	TEK	B035519	1850
GENERATOR P/U TM	TG501	TEK	B033642	962.67
GENERATOR	SG504	TEK	B011367	2295
OSCILLATOR TEST	651B	HP	1230A10169	1152
MAINFRAME POWER MODULE	TM504	TEK	B018903	180
TEST SET CALIBRATOR MF	TM515	TEK	B021997	360
GENERATOR SIGNAL	8671B	HP	2823A00751	22608
GENERATOR SIGNAL	8671B	HP	2823A00750	22608
GENERATOR SIGNAL	8671B	HP	2823A00797	22608
PROBE CAL BOX	16345A	HP	2143J00236	1985
SENSOR POWER	8482A	HP	1925A05758	580
ATTENUATOR	4436A	HP	1218J01656	1124.22
POWER SUPPLY	6291A	HP	2117A06448	555.76

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
POWER SUPPLY	6291A	HP	103A-06186	555.76
GENERATOR & FREQ SYN	3325B	HP	2847A02797	4563.99
GENERATOR & FREQ SYN	3325B	HP	2801A01623	4563.99
GENERATOR & FREQ SYN	3325B	HP	2847A02169	4563.99
TRANSFORMER ISOLATION	PR57	SENCORE	6038532	445.5
GENERATOR FUNCTION	278	WAVETEK	A6140902	3000
GENERATOR FUNCTION	278	WAVETEK	A6140882	3000
GENERATOR FUNCTION	278	WAVETEK	A6140908	3000
METER MULTI	8840A	FLUKE	4717030	795
TRACKER	2000A	HUNTRON	22A05704	1371.26
TRACKER	2000A	HUNTRON	22A07678	1371.26
GENERATOR SIGNAL	6062A132	FLUKE	4690402	10434
GENERATOR SIGNAL	6062A132	FLUKE	4690401	10434
SENSOR POWER	8481A	HP	2702A72413	590
COUNTER PULSE MICROWAVE	5361A	HP	3108A00253	13894.5
SENSOR POWER	8482A	HP	1925A05788	593
SENSOR POWER	8482A	HP	2652A18370	612.3
SENSOR POWER	8482A	HP	2652A19680	593
SENSOR POWER	8484A	HP	1635A03108	825
SENSOR POWER	8484A	HP	2046A06607	825
SENSOR POWER	8484A	HP	2237A10687	825
SENSOR POWER	8484A	HP	1916A03533	825
SENSOR POWER	8484A	HP	1635A03051	825
METER POWER	436A	HP	1719A01703	2900
PLUGIN PULSE GENERATOR	PG508	TEK	B031367	1500
SENSOR POWER	8481A	HP	2702A69944	612.3
SENSOR POWER	8485A	HP	2942A08957	894.9
METER POWER	436A22	HP	2410A18701	2900
ANALYZER SPECTRUM	8563A-K01	TEK	3529A03689	34382
GENERATOR SIGNAL	6062A132	FLUKE	4745406	10434
BAROMETER PRESSURE STND	760-15A1107-01	PAROSCIENT	38689	3547.2
HIGH VOLTAGE PROBE	80K-40	FLUKE		87.56
TEST SOURCE AM/FM	11715A	HP	2135A00328	1857.25
FIXTURE CALIBRATION EXTEN	67058900	TEK	B022560	450
FIXTURE CALIBRATION EXTEN	67058900	TEK	B022008	450
TOOL CRIMPER TERMINAL	M10S1	BURNDY	NONE	322
TUNER SLIDE SCREW	872A	HP	167	525
TUNER SLIDE SCREW	X870A	HP	2WC263	210
PLUGIN SWEEP OSCILLATOR	83592A	HP	2220A00512	23424
ATTENUATOR	8494B	HP	1510A08332	1007
FILTER BAND PASS	2640	WHITE	773316	430
POWER SUPPLY	JQE	KEPCO	H90387	1062.56
POWER SUPPLY	6235A	HP	1812A01777	212
TRANSFORMER CURRENT	461	WESTON	5665	510
COUPLER DIRECTIONAL	779D	HP	1144A03371	761.19
COUPLER DIRECTIONAL	3042B-20	NARDA	10187	350
COUPLER DIRECTIONAL	X752C	HP	4338	450
COUPLER DIRECTIONAL	3000-20	NARDA	343	455.9
COUPLER DIRECTIONAL	3000-30	NARDA	357	455.9
COUPLER DIRECTIONAL	3003-30	NARDA	392	350
DEKABOX RESISTANCE	DB655	ELECT SCIE	95689	225

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
DEKABOX RESISTANCE	DB655	ELECT SCIE	245	225
ATTENUATOR SET	AS1	WEINSCHEL	245	600
COUPLER DIRECTIONAL	776D	HP	6807	519.75
COUPLER DIRECTIONAL	776D	HP	1993	230.65
POWER SUPPLY	6217A	HP	1603A08059	200
POWER SUPPLY	6215A	HP	1139A12204	200
GENERATOR DATA PULSE	114A	SYS DONNER	5030	1073
GENERATOR DATA PULSE	114A	SYS DONNER	41030	1073
ANALYZER DISTORTION	333A	HP	1101A02018	927.82
PLUGIN UNIT	AM6565U	TEK	C496	275
PLUGIN UNIT	AM6565U	TEK	C263	275
PLUGIN UNIT	AM6565U	TEK	C196	275
PLUGIN UNIT	AM6565/U	TEK	C-467	275
PLUGIN UNIT	7A15AN11	TEK	B039824	275
PLUGIN UNIT	AM6565U/7A15AN	TEK	B039805	275
OSCILLOSCOPE M/F	7704A	TEK	B216496	3216.94
CALIBRATION FIXTURE (7000	067-0587-01	TEK	B061100	600
CALIBRATION FIXTURE (7000	067-0587-01	TEK	B061033	600
CALIBRATION FIXTURE (7000	067-0587-01	TEK	B082105	774
OSCILLATOR TRANSFER	5257A	HP	1348A03556	3242.25
GENERATOR SWEEPER	8601A	HP	1707A05849	2970
PLUGIN 141T ANALZYER	8554B	HP	1923A05076	4915.3
GENERATOR TRACKING	8444A	HP	2325A05455	4522
AMPLIFIER DUAL TRACE	7A18	TEK	B126255	708.1
AMPLIFIER DUAL TRACE	7A18	TEK	B123793	708.1
AMPLIFIER DUAL TRACE	7A18	TEK	B126172	615
AMPLIFIER DUAL TRACE	7A18	TEK	B123805	708.1
AMPLIFIER DUAL TRACE	7A18	TEK	B125810	615
ATTENUATOR	350D	HP	220-05627	300
ATTENUATOR	350D	HP	220-05625	300
ATTENUATOR	350D	HP	220-08506	300
LOAD SLIDING	907A	HP	1941	600
LOAD SLIDING	907A	HP	1937	600
GENERATOR SIGNAL	8616A	HP	2015A05275	5259.25
PLUGIN UNIT	7B53	TEK	B170721	925
PLUGIN UNIT	7B53	TEK	B182843	925
PLUGIN UNIT	7B53	TEK	B182847	925
PLUGIN UNIT	7B53	TEK	B170768	512.9
PLUGIN UNIT	7B53A	TEK	B160041	925
LINE SECTION	806B	HP	FT143	350
GENERATOR SWEEP	2001A	WAVETEK	131916	1570
GENERATOR SWEEP	2001A	WAVETEK	279226	1590
TESTER TRANSISTOR	101	TESTLINE	2066	625
TESTER LOGIC W/01	5011T	HP	1444A11602	688.05
TESTER LOGIC W/01	5011T	HP	1240A05052	725
OSCILLOSCOPE	7613	TEK	B354723	2902.5
COUNTER	6153-50	SYS DONNER	53016	859.91
COUNTER	6153-50	SYS DONNER	130	3450
COUNTER	6153-50	SYS DONNER	735	3032.57
COUNTER	6153-50	SYS DONNER	1274	3450
COUNTER	6153-50	SYS DONNER	4249	3032.57

TECHNICAL EXHIBIT **4**

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
COUNTER	6153-50	SYS DONNER	825	3032.57
COUNTER	6153-50	SYS DONNER	785	3850
SENSOR POWER	8481A	HP	1926A21793	482.5
ANALYZER SPECTRUM	3580A	HP	1409A00494	4717.7
PLUGIN UNIT	7A26	TEK	B139968	1050
MAINFRAME POWER MODULE	TM503	TEK	B129395	290.98
PLUGIN UNIT	7B71	TEK	B205381	755
VOLTMETER	400F	HP	0950A05727	500
PLUGIN ANALYZER SPECTRUM	8555A	HP	1219A01545	13563
AMPLIFIER	8447A	HP	1644A02501	643.5
GENERATOR	8552B	HP	1217A02563	3638.25
METER POWER	432A	HP	1102A05770	800
METER POWER	432A	HP	1507A12789	697.02
METER POWER	432A	HP	1507A12763	697.02
METER POWER	432A	HP	1507A14679	742.5
METER POWER	432A	HP	1507A14685	697.02
METER POWER	432A	HP	1848A24267	697.02
METER POWER	432A	HP	1507A14696	742.5
DETECTOR NULL	845AB	FLUKE	835012	817.54
CALIBRATOR POWER METER	8477A	HP	0963A00513	497.15
GENERATOR FUNCTION	3310A	HP	1151A07743	688.05
GENERATOR FUNCTION	3310A	HP	1151A06818	631.23
GENERATOR FUNCTION	3310A	HP	1048A03430	631.23
GENERATOR FUNCTION	3310A	HP	1151A09708	831.6
GENERATOR FUNCTION	3310A	HP	1151A07745	688.05
GENERATOR FUNCTION	3310A	HP	1151A07725	688.05
OSCILLOSCOPE M/F 500MHZ	7904	TEK	B269661	5509.91
AMPLIFIER POWER	230B	HP	1202A03710	1917.1
PLUGIN UNIT	7B70	TEK	B205406	636
PLUGIN AMPLIFIER UNIT	7A19	TEK	B039985	1371.75
PLUGIN AMPLIFIER UNIT	7A19	TEK	B034378	500
PLUGIN HORIZONTAL	7D11	TEK	B102345	1668.94
PLUGIN DIGITAL MMETER/TEM	7D13	TEK	B062469	530
PLUGIN SIGNAL GENERATOR	SG503	TEK	B065677	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063964	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063018	868.15
PLUGIN SIGNAL GENERATOR	SG503	TEK	B068246	1756.8
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063561	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B051844	895
PLUGIN SIGNAL GENERATOR	SG503	TEK	B063150	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B068826	1756.8
PLUGIN SIGNAL GENERATOR	SG503	TEK	B066193	1018.5
PLUGIN SIGNAL GENERATOR	SG503	TEK	B066202	1018.5
PLUGIN MODULE GEN CALIB	PG506	TEK	B047449	2227.2
PLUGIN MODULE GEN CALIB	PG506	TEK	B031536	1159.15
PLUGIN MODULE GEN CALIB	PG506	TEK	B032848	1159
PLUGIN MODULE GEN CALIB	PG506	TEK	B034980	1159
PLUGIN MODULE GEN CALIB	PG506	TEK	B032331	1159.15
PLUGIN MODULE GEN CALIB	PG506	TEK	B032621	1306.13
PLUGIN MODULE GEN CALIB	PG506	TEK	B047447	2227.2
PLUGIN MODULE GEN CALIB	PG506	TEK	B033318	1446.41

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
PLUGIN MODULE GEN CALIB	PG506	TEK	B034985	1159.15
GENERATOR P/U TM	TG501	TEK	B033804	1325
GENERATOR P/U TM	TG501	TEK	B036130	1325
GENERATOR P/U TM	TG501	TEK	B036053	1325
GENERATOR P/U TM	TG501	TEK	B032130	1013.65
GENERATOR P/U TM	TG501	TEK	B033666	1107.79
GENERATOR P/U TM	TG501	TEK	B034438	1059.41
GENERATOR P/U TM	TG501	TEK	B036056	1325
DIGIBRIDGE LC METER	1689M-9750	QUADTECH	3212061456	5995
GENERATOR P/U TM	TG501	TEK	B030603	1325
GENERATOR P/U TM	TG501	TEK	B033660	1107.79
COUNTER FREQUENCY	5345A	HP	1932A05711	5247
GENERATOR PULSE	PG502	TEK	B033483	2026.5
GENERATOR PULSE	PG502	TEK	B033311	2108.15
GENERATOR	SG504	TEK	B011191	2214.67
GENERATOR	SG504	TEK	B011197	2214.67
GENERATOR FUNCTION	3310B	HP	1201A01640	792
VOLTMETER	3400A	HP	0401-00584	526.68
VOLTMETER	3400A	HP	0401-02527	526.68
VOLTMETER	3400A	HP	0401-02534	602.2
DISTORTION ANALYZER	334A	HP	1140A09210	1467.18
GENERATOR SIGNAL	8614A	HP	2015A08030	6768
GENERATOR FREQUENCY	8406A	HP	1145A00959	864
AMPLIFIER 150MHZ	461A	HP	0946A03551	350
VOLTMETER	400E	HP	1207A17095	346.74
VOLTMETER	400E	HP	1208A16362	346.74
VOLTMETER	400E	HP	1208A16273	346.74
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST	BROWN			450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST	PIN 028987			450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
CONSOLE ELECTRIC TEST				450
GENERATOR PULSE	PG501	TEK	B082924	383.15
PLUGIN UNIT	7B53A	TEK	B034450	885
ANALYZER SIGNATURE	5004A	HP	1824A06104	1113.92
PROBE F E T	P6045	TEK	WC262	545
PLUGIN HEAD FOR 18500B	18500-19A	NARDA	5008	3200
MAINFRAME POWER MODULE	TM504	TEK	B025447	290
MAINFRAME POWER MODULE	TM504	TEK	B016690	290
PLUGIN UNIT	7B51	TEK	B080886	1625
PLUGIN UNIT GENERATOR	SG505	TEK	B020321	677.49

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
TEST SET VIDEO RF W/CART	FA9410-11	BENDIX	39/139	5519
METER SWR ATTENUATION	PRD277D	PRD	510	490
POWER SUPPLY	RA40-30	MID-EASTER	5911	625
CURRENT PROBE DC/AC	Y8100	FLUKE	3365331	131.07
PLUGIN CALIBRATOR	067-0680-00	TEK	B020577	661.01
MOD MTR	2305	MARCONI	118506/116	8585.63
GENERATOR SIGNAL	8642B	HP	2647A00963	26376
TEST SET CALIBRATOR MF	8642B	HP	2734A01257	27789
DECADE RESISTOR	240C	CLAROSTAT	21120	279.5
REFLECTOMETER TIME DOMAIN	TM515	TEK	B021673	360
TDR CABLE TESTER	1502	TEK	B092254	3618.75
AMPLIFIER	8447F	HP	1937A01362	2260
ANALYZER WAVE	3581A	HP	1351A01475	3458
ATTENUATOR	8496B	HP	1350A04482	1007
ATTENUATOR	8496B	HP	1350A00732	589.05
PLUGIN UNIT	7A24	TEK	B115103	450
POWER PULSE RF	18500B	NARDA	10009	5100
GENERATOR SIGNAL	8640BOPT 1&3	HP	2232A19929	8515
ANALYZER BUS	3410	DATA PRECI	1032	345
PLUGIN AMPLIFIER	7B92A	TEK	B089192	2186.55
PLUGIN AMPLIFIER	7B92A	TEK	B089211	2187
SENSOR POWER	8484A	HP	1635A02513	568.1
METER MILLIVOLT RF	92BD0109	BOONTON	1268	2287
PLUGIN UNIT	7B85	TEK	B084554	991.69
PLUGIN UNIT	7B80	TEK	B054677	846.57
METER POWER	436A	HP	1725A02148	1975
METER POWER	436A	HP	1803A03609	1951.3
PLUGIN LOGIC ANALZYER	7D01	TEK	B097744	3396.8
CALIBRATOR RANGE	11683A	HP	1719A00811	543.4
GENERATOR	8672A	HP	1834A00558	28314
COUNTER PULSE MICROWAVE	451	EIP	243	8135
COUNTER ELECTRONIC	5328AF096	HP	1808A07270	1300
COUNTER ELECTRONIC	5328AF096	HP	1828A08347	1300
COUNTER ELECTRONIC	5328AF096	HP	1828A08398	1300
COUNTER ELECTRONIC	5328AF096	HP	1828A08270	1300
COUNTER ELECTRONIC	5328AF096	HP	1908A10793	1300
OSCILLATOR TRACKING	313A-H55	HP	0962A00948	9645
VOLTMETER SELECTIVE	312BH55	HP	1442A00318	7500
GENERATOR SIGNAL	8640BOPT2	HP	1734A07013	7375.5
MODULATOR, RF PULSE	11720A	HP	2021A01112	2702
DIRECTIONAL COUPLER	3042B-10	NARDA	9020	613.89
PLUGIN PULSE GENERATOR	PG508	TEK	8031401	1195
PLUGIN PULSE GENERATOR	PG508	TEK	B032811	1302.75
OSCILLOSCOPE M/F	182C	HP	1419A02495	1712
DIRECTIONAL COUPLER	3042B-30	NARDA	7134	575.17
COUNTER ELECTRONIC	5328AH42	HP	1908A12098	1300
CALIBRATOR AC	5200A	FLUKE	810023	5026.16
CALIBRATOR AC	5200A	FLUKE	2260027	5920.06
AMPLIFIER PREAMP	8447D	HP	1937A01565	1267.2
AMPLIFIER HIGH PRECISION	5205A	FLUKE	835002	4542.41
ANALYZER SPECTRUM	8558B	HP	1506A01351	4257

TECHNICAL EXHIBIT **4**

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
METER MODULATION	9008	DANA RACAL	4288	1625
ANALYZER MODULATION	8901A	HP	1933A00333	7904
ANALYZER MODULATION	8901A	HP	2119A01226	7800
ANALYZER DISTORTION	339A	HP	2025A04983	2660
ANALYZER DISTORTION	339A	HP	2025A05414	2800
OSCILLOSCOPE	7633	TEK	B215860	5432.51
CALIBRATOR	5101B	FLUKE	3035003	13675.25
CALIBRATOR MULTIFUNCTION	5101B	FLUKE	2555003	13000
TRACKER 1000	1005B	HUNTRON	21205465	895
METER MULTI DIGITAL	8050A	FLUKE	3580293	422.1
METER MULTI DIGITAL	8050A	FLUKE	3580080	422.1
ANALYZER CAP/INDUCT	LC53	SENCORE	3448577M	805
ANALYZER SPECTRUM	8563A-K01	TEK	3529A03686	34382
ANALYZER SPECTRUM	8563A-K01	TEK	3529A03711	34382
OSCILLATOR SWEEP MAINFRAM	8350A	HP	2218A01693	4320
MONITOR, TEST EQUIPMENT	CSM1	SINGER	611	3385
COUNTER TIMER W/OPT	903511A	RACAL-DANA	404749	5863.65
METER LCR	4332A	HP	1703J01709	1366.2
METER LCR	4261A	HP	1821J03752	2634.07
COUNTER	53500PT06	HP	2510A00542	4725
COUNTER	53500PTO6	HP	2510A00513	4725
COUNTER	5350A	HP	2444A00273	5492
OSCILLOSCOPE DIG 150MHZ	2430A OPT46	TEK	B030220	5206.1
OSCILLOSCOPE DIG 150MHZ	2430A OPT46	TEK	B030211	5206.1
ANALYZER SPECTRUM	8563A	HP	2949A00149	17330
FORMATTER DISPLAY	DF2	TEK	B020776	2065.1
DISPLAY	116	BIOMATION	17684	1150
AMPLIFIER POWER	5215A	FLUKE	2595013	5900
TESTER METER CAP	830	B&K	72-19452	181
OSCILLATOR GENERATOR	750T	CLARK HESS	WC263-2	520
METER RF MILLIVOLT CAL	26A	BOONTON	138	1050
METER MULTI	3400R	DATA PRECI	1527/1032	1840
GENERATOR FUNCTION	744	CLARK HESS	79472	660
GENERATOR FUNCTION	744	CLARK HESS	79473	660
GENERATOR FUNCTION	744	CLARK HESS	80437	660
GENERATOR FUNCTION	744	CLARK HESS	80253	660
SYNTHESIZER/FUNCTION GEN	3325B/OPT002	HP	2847A095970	4942.41
COUNTER SOURCE LOCKING	575B	EIP	1817-00448	9975
SPEC ANAL MAIN FRAME	141T	HP	1232A03821	1810
RADIO TEST SET	2955R		13228004	7653
TEMP HUMIDITY CHART	CT485	WHITE BOX	9484	450
PRINTER	NX10	STAR	260703881	215.84
CONSOLE ELECTRIC TEST			NONE	450
PLUGIN TM500 PULSE GEN	PG508	TEK	B032979	1500
COMB GENERATOR	067-0885-00	TEK	B010414	2122.05
RANGE CALIBRATOR	11683A	HP	1719A01927	902.76
RANGE CALIBRATOR	11683A	HP	1719A02006	902.76
SAMPLING PIU	7S11	TEK	B149042	2031.85
ACCESSORY KIT	11570A	HP	NONE	1239.24
AMPLIFIER LOW NOISE	8640-60506	HP		100
CALIBRATION GENERATOR	PG-506	TEK	B047300	1159

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
GENERATOR LEVELED SINE	SG504	TEK	8012179	2214.67
GENERATOR LEVELED SINE	SG-503	TEK	8063556	1018.5
TIME MARK GENERATOR	TG-501	TEK	8038744	1059.41
GENERATOR SIGNAL	3335A	HP	2843A05495	1000
GENERATOR	86730	HP	3128A01186	1000
ATTENUATOR SET	AS-6	WEINSCHEL	5836	206.1
ATTENUATOR SET	AS-6	WEINSCHEL	5837	206.1
POWER SPLITTER	11667A	HP	13748	470.61
POWER SPLITTER	11667A	HP	17522	470.61
DIGITAL MULTIMETER	3458A	HP	2823A09202	4017
RESISTOR	1 OHM		17647	50
RESISTOR	4035-B	LEEDS&NORT	1892696	500.93
VACUUM CLEANER	C80704-01	HAKO	B0840276	709.43
THERMISTOR MOUNT	TM-400	MICRONETIC	5248212	206.09
CALIBRATOR	54408	FLUKE	13733024	13000
HIGH VOLTAGE PROBE	80K40			87.56
EI-DIRECTION COAX COUPLER	3020A	NARDA	1536	820.32
PLUGIN SCOPE	1950A	HP	2415A01220	2550
COMPARATOR HEAD	015-0310-01	TEK	8120933	775
REFERENCEMAGNET	VA-074	F.W.BELL	161828	280
REFERENCE MAGNET	VA-072A	F.W.BELL	226903	280
PROGRAMMABLE PULSE HEAD	015-0311-01	TEK	8010420	1320
KEYBOARD 1722A	Y1700	FLUKE	NONE	477.75
CONSOLE ELECTRIC TEST				450
CABINET GRAY METAL	2-DOOR		AC-7-3783	200.18
COAXIAL SLIDING LOAD	905A	HP	2426	580
CALIBRATION KIT COAX TERM	11866A	HP	2120A03194	165
SLIDING LOAD (5 ITEMS)	911C	HP	810	1030
PROGRAMMABLE PULSE HEAD	015-0311-01	TEK	B011153	1320
CONSOLE ELECTRIC TEST				450
BATTERY CHARGER, 6 AMP	B6612	SCHAUER	1184	189
BATTERY CHARGER, 10 AMP	C6612	SCHAUER	111087	387.09
PLUGIN TM500 CONSTANT AMP	SG503	TEK	B063546	11756.8
PLUGIN TIME MARK GEN	TG501	TEK	8034436	1059.41
GENERATOR OSCILL CALIB	CG5001	TEK	8064206	16684.47
SYNTHESIZER/FUNCTION GEN	33258	HP	2847A04941	4563
GENERATOR 2-18 GHZ	8673M	HP	2534A00472	21324
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88030100	81.9
ACCESSORY KIT	8405A	HP	NONE	165
UNIVERSAL EXTENSION		HP	1523A01554	75
MULTIMETER	HP3478A/OPT326	HP	2911A71709	1131.71
RESISTOR DECADE	DB877		AH2110192	1895
COMB GENERATOR	067-0885-00	TEK	C101010	2380
AMPLIFIER RF(.8-1000MHZ)	ENI-603L	ENI	1584	2900
DIRECTIONAL COUPLER (.1-2	778D	HP	15228	1464.75
SIGNAL GEN (10MHZ-20GHZ)	83623A	HP	3250A00714	42525
SIGNAL GEN (10MHZ-20GHZ)	83623A	HP	3250A00711	42525
COUNTER	5328A	HP	1908A0353	1700
ANALYZER	PM3655			7100
MODULE TEST/ADJUST	85629B	HP	3039A00765	2300
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88031859	105

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
SURGE PROTECTOR	MASTERPIECE	KENSINGTON	88021026	105
SURGE PROTECTOR	MASTERPIECE	KENSINGTON		105
HUMIDITY PROBE CAL KIT	MK-II	VAISALA		325
MOUSE		IBM	1369990	60
CABINET YELLOW WOOD				508.19
KEYBOARD	305B	AT&T	S911600672	51.42
DISK DRIVE	9153B	HP	2647A06999	1835.8
THERMAL CONVERTER	1395A-1M75	BALLANTINE	10530	559
THERMAL CONVERTER	1395A-0.4-09	BALLINTINE	5681	742
CONVERTER IEEE TO RS-232	ICO26A	BLACK BOX	940603452	625
DMM	45	FLUKE	5690144	553
DMM	45	FLUKE	5690138	553
DMM	45	FLUKE	5690038	553
DMM	45	FLUKE	5395132	553
DMM	45	FLUKE	5690142	553
DMM	45	FLUKE	5395134	553
DMM	45	FLUKE	5690067	553
DMM	45	FLUKE	5690113	553
DMM	45	FLUKE	5690132	553
DMM	45	FLUKE	5395089	553
DMM	45	FLUKE	5395122	553
DMM	45	FLUKE	5395133	553
DMM	45	FLUKE	5690032	553
DMM	45	FLUKE	5690084	553
DMM	45	FLUKE	5690037	553
DMM	45	FLUKE	5690110	553
DMM	45	FLUKE	5690034	553
DMM	45	FLUKE	5690129	553
DMM	45	FLUKE	5690111	553
DMM	45	FLUKE	5690104	553
DMM	45	FLUKE	5390008	553
OSCILLOSCOPE	2247A	TEK	B034513	3153.7
OSCILLOSCOPE	2247A	TEK	B034430	3153.7
OSCILLOSCOPE	2247A	TEK	B034517	3153.7
OSCILLOSCOPE	2247A	TEK	B034511	3153.7
OSCILLOSCOPE	2247A	TEK	B034415	3153.7
OSCILLOSCOPE	2247A	TEK	B034427	3153.7
OSCILLOSCOPE	2247A	TEK	B034516	3153.7
OSCILLOSCOPE	2247A	TEK	B034428	3153.7
OSCILLOSCOPE	2247A	TEK	B034509	3153.7
OSCILLOSCOPE	2247A	TEK	B034431	3153.7
OSCILLOSCOPE	2247A	TEK	B034439	3153.7
OSCILLOSCOPE	2247A	TEK	B034429	3153.7
OSCILLOSCOPE	2247A	TEK	B034426	3153.7
OSCILLOSCOPE	2247A	TEK	B034419	3153.7
OSCILLOSCOPE	2247A	TEK	B034438	3153.7
OSCILLOSCOPE	2247A	TEK	B034400	3153.7
OSCILLOSCOPE	2247A	TEK	B034510	3153.7
OSCILLOSCOPE	2247A	TEK	B034432	3153.7
OSCILLOSCOPE	2247A	TEK	B034524	13153.7
OSCILLOSCOPE	2247A	TEK	B034512	13153.7

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
CALIBRATOR	84008	STR	2	2843
MIXER	M85C	WATKINS-JO	270029241	453
FILTER LOW PASS	0955-0518		XC495-19	300
TEST SET	8920A	HP	3352A03862	15142
STEP ATTEN, PROGRAMMABLE	8495G	HP	3247A06884	760
ATTENUATOR SWITCH DRIVER	11713A	HP	3439A00848	1862
BRIDGE 150 OHM	5061-1135	HP	1135A	1350
BRIDGE 200 OHM	5061-1136	HP	1136A	1400
COUNTER	1994	RACAL-DANA	9508062	2618
SPEC ANAL	3585B	HP	3008A01880	29531.04
MONITOR	7134T	AT&T	17-27358905	450
MONITOR	7134T	AT&T	17-27358983	450
MONITOR	7134T	AT&T	17-27358869	450
CPU	GLOBALYST 520	AT&T	15-30581377	1022
CPU	GLOBALYST 520	AT&T	15-30581356	1022
CPU	GLOBALYST 520	AT&T	15-30581368	1022
MOUSE		AT&T	LCA51725231	53
MOUSE		AT&T	LCA52007753	53
MOUSE		AT&T	LCA51725234	53
KEYBOARD		AT&T	C319673	150
KEYBOARD		AT&T	G326585	150
POWER METER DIGITAL	437B	HP	3125U16978	2561.5
POWER METER DIGITAL	437B	HP	3125U16979	2561.5
MEASURING RECEIVER	8902A	HP	3538A03757	28153
ANALYZER PEAK POWER	8990	HP	3314A00654	15604
GENERATOR FUNCTION	3325	HP	2847A11790	6899.6
GENERATOR FUNCTION	3325	HP	2847A11817	6899.6
MODULE HP-IP	54657A	HP	US35031419	760
MODULE HP-IP	54657A	HP	US35031430	760
MEASURING RECEIVER	8902A	HP	2337A00103	28153
PRECISION DC	3245A	HP	2831A03071	4634.2
SPEC ANAL	8563A	HP	3337A02799	14777
DIST ANA	8903B	HP	3514A15533	7012.4
AMPLIFIER	489A	HP	1640A01881	995
SENSOR MODULE	11722A	HP	3111A04979	2441.5
COUNTER	5345A/12	HP	2104A07644	2950
COUNTER	1994 OPT41	HP	9408341	2618
SENSOR	84812A	HP	3318A01335	1660
GENERATOR PULSE	8116A	HP	3134G18176	4900
OUTPUT POWER METER	1840A	GEN RADIO	3618	2797
OUTPUT POWER METER	1840A	GEN RADIO	7038	2797
CALIBRATOR	5500A	FLUKE	6470021	8495.25
AC MEASUREMENT STANDARD	5790A	FLUKE	6450032	20144
CONVERTER W/SOFTWARE	DSI700	HUNTRON	316-02110	2575
MONITOR	235	NCR	17-25506873	350
CPU SYSTEM 3230,NCR	9710	NCR	15-25994530	1646
MOUSE	PS/2	MICROSOFT	9112	75
MONITOR,NCR	235	NCR	17-25183929	350
CPU SYSTEM 3230 W/CDROM	9710	NCR	29-23206250	1646
MOUSE	PS/2	MICROSOFT	4729809	75
CONVERTER, MICROWAVE	11793A	HP	3336A02167	8445.5

TECHNICAL EXHIBIT 4

GOVERNMENT FURNISHED EQUIPMENT

NOUN	MODEL	MANUFACTURER	SER_NO	COST
SENSOR, MODULE	11722A	HP	3111A05593	12441.5
SENSOR, MODULE	11792A	HP	3528A02088	4370
GENERATOR. SYN SIGNAL	83732B	HP	US37100933	138000
PROM, PROGRAMMER	16976	GIGATRONIC	1835040	2995
METCAL SOFWARE/MANUALS	VER5.1	FLUKE		500
COUNTER, ELECTONIC	5313A		KR91201276	1080.06
COUNTER, ELECTONIC	5313A		KR91201281	1080.06
ANALYZER. CAP	LC-75		4651426M	1614
ANALYZER, CAP	LC-102		6126905JM	1614
HUNTRON 2000	HUNTRON 2000		19664	1059.87
HUNTRON 2000	HUNTRON 2000		19637	1059.87
SENSOR MODULE	HP 11722A		3820A06065	2200
SENSOR MODULE	HP 11722A		3820A06066	2200
SENSOR MODULE	HP 11722A		3820A06064	2200
SENSOR POWER W/11708A(sn2	HP 8485D		3318A05023	1660
SENSOR POWER W/11708A(sn2	HP 8485D		3318A05024	1660
DIVIDER POWER	11667B		13084	1120
DIVIDER POWER	116678		113085	1120
DIVIDER POWER	116678		13087	1120
			TOTAL COST	$2,425,721.24

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
07370-020	TEST	6625-01-314-7700	15
1040A MOD 49	SCOPE	6625-01-055-7516	30
1042 MOD 49	OSCOPE	6625-01-108-6192	5
1066B MOD 49	SCOPE	6625-00-324-3296	37
110B	GEN	6625-00-113-6353	11
110C	GENERATOR	6625-01-061-9115	2
1358A	GEN	6625-01-304-2326	3
1502 OPT 4	RMTR	6625-01-037-4412	33
1503	RMTR	6625-01-043-9760	5
1503C	CBL TST SET	6625-01-355-8085	9
1568A	ANA	6625-00-162-1940	12
1602	SCOPE	6625-01-304-3413	2
1605E	GEN	6625-01-315-6242	14
16934	RF DETECT	6625-01-379-4787	4
17071	RF DETECT	6625-01-378-9673	5
17130	DASI SEN TRANS	6660-01-315-6801	6
1720A	SCOPE	6625-01-034-4783	4
17355	CCA DASI	5998-01-232-7495	51
1840	AUD TST	6625-00-937-6156	15
1920A	COUNTER	6625-01-142-6233	5
1950A	PLUG IN	6625-01-172-6119	1
1980A	COUNTER	6625-01-071-0596	2
1994	CNTR ELEC DIG	6625-01-357-9937	4
200-8710	HEAD	6625-01-313-4375	7
2001B	GEN	6625-00-330-6939	6
2020S1	VTM	6625-01-304-2439	1
212159	OHMMTR	6625-00-141-3558	5
212159CL	OHMMETER	6625-01-223-2980	3
2215 MOD WN	SCOPE	6625-01-212-6470	7
2215 MOD WV	SCOPE	6625-01-211-9577	19
2215A	SCOPE	6625-01-160-0217	6
2235 OPT 1	SCOPE	6625-01-187-7847	66
2235A	SCOPE	6625-01-371-5069	1
2246	SCOPE	6625-01-275-4766	135
2247A	SCOPE	6625-01-370-2085	2
230240/C20	METER	6625-00-339-9826	10
230450	ISO GEN	6625-00-291-8085	12
2430A	SCOPE	6625-01-257-2868	4
2442	MICROWAVE COUNTER	6625-01-431-4373	6
2445A	SCOPE	6625-01-312-4726	7
2465B	OSCOPE	6625-01-363-5262	25
250220-2	TSTR	6625-01-187-8149	1
257	MOD METER	6625-01-452-5761	2
2785	OHMMTR	6625-00-003-5592	20

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
2792	SPEC ANA	6625-01-374-4115	24
2947	RADIO TEST SET	6625-01-432-6997	85
2955R	RADIO TST SET	6625-01-329-8160	34
3000BMA	MON COM	6625-01-251-4775	7
3002B	GEN SIG	6625-01-088-9087	2
3004	SIG GEN	6625-01-304-2327	6
312B	WAVE ANA	6625-01-012-1071	5
312B OPTH55	ANA	6625-01-041-5591	5
3336A	GENERATOR	6625-01-304-3437	2
3336C	SYNTHESIZER GEN	6625-01-213-8152	1
3400B	VOLTMETER	6625-01-389-3705	1
3581A	SPEC ANA	6625-01-012-7669	6
3586A	METER	6625-01-316-8664	2
3586A OPT004	METER	6625-01-289-8532	18
3586B	METER AUDIO LEVEL	6625-01-211-2106	3
3586B	SELECT LVL METER	6625-01-139-6741	2
3586C	METER	6625-01-096-1726	8
3701 OPT 11	COMM TST	6625-01-245-3926	17
400E	VTM	6625-00-995-7716	33
4101	MOD METER	6625-01-244-0198	52
410C	MULTI MTR	6625-00-969-4105	3
41B	MULTIMETER	6625-01-438-5312	4
4210-4E-S/2	POWER SNSR	6625-01-313-1555	6
425 MOD WN	SCOPE	6625-01-304-2307	40
427A	MUL MTR	6625-00-135-0407	9
43	RF TST	6625-00-649-5070	9
430	METER	6625-01-035-0162	2
4301	RF TST	6625-00-965-7051	48
432A	METER	6625-00-436-4883	85
432B	POWER METER	6625-00-138-6522	7
436A	METER RF POWER	6625-01-220-6729	17
436A	PWR METER	6625-01-033-5050	71
437B	METER POWER FACTOR	6625-01-406-6941	3
437B	PWR METER	6625-01-316-6448	13
438A	PWR METER	6625-01-252-0298	71
4391	WATTMTR	6625-01-227-4370	40
45	VTM	6625-01-320-0536	3
465B	SCOPE	6625-01-104-3151	106
4661	NOISE XMT	5826-01-314-0616	4
4671	IF ANA	6625-01-314-0636	8
4673	RECORDER XY	6625-01-228-7848	1
475A OPT 4	SCOPE	6625-00-397-4179	6
478A	IND DISTORT	6625-01-069-7884	17
492	SPEC AN	6625-01-104-7816	26
492P V 1.7	SPEC AN	6625-01-341-4437	152

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
pi-OO

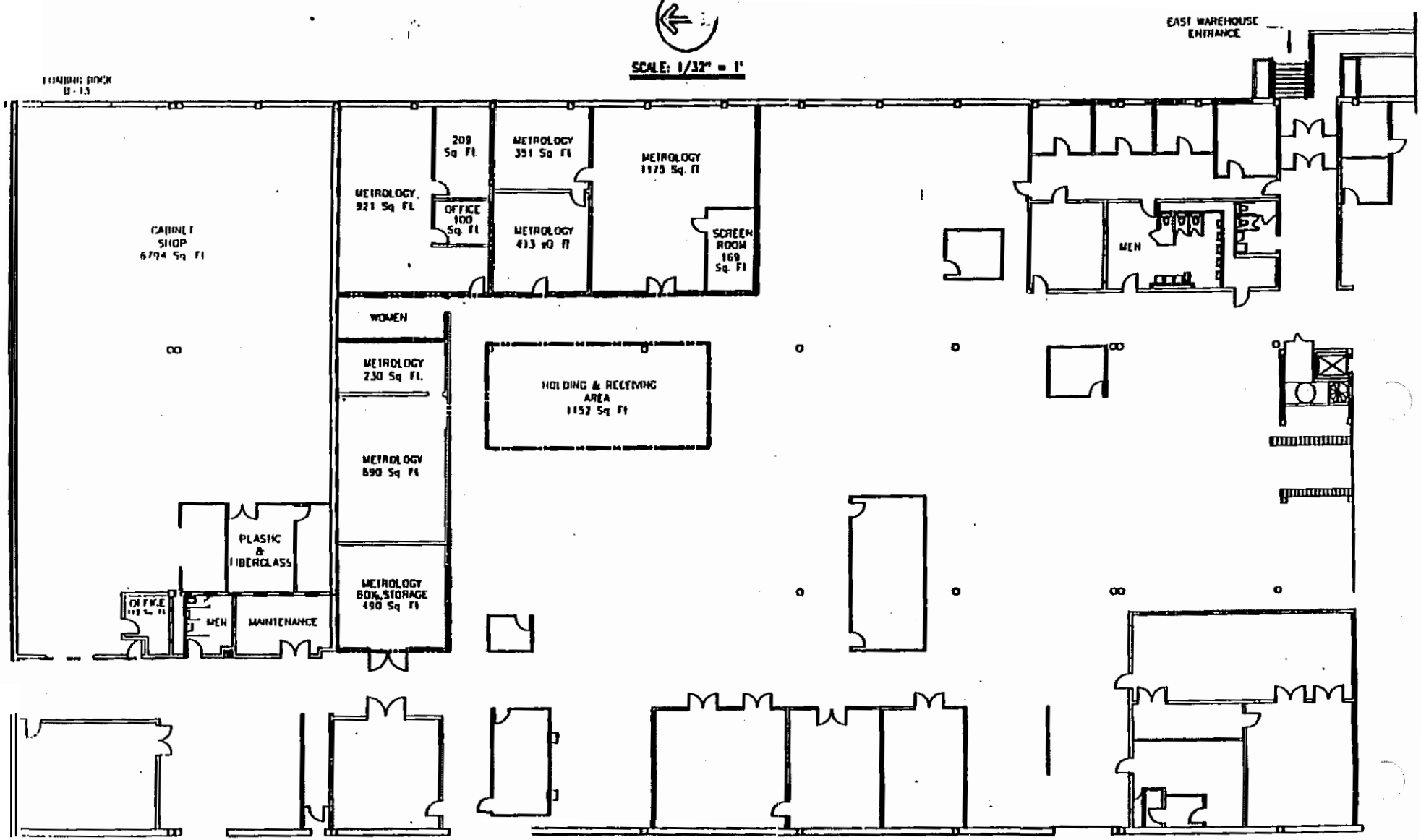
MODEL	DESCRIPTION	NSN	REPAIRED
492PGM	SPEC AN	6625-01-333-7843	13
4934A	TELEPHONE TEST SET	6625-01-380-5252	10
4935A	DBM METER	6625-01-252-0319	6
4935A OPT 2	TIMS TST	6625-01-289-8580	31
4935A OPT3	TIMS TEST	6625-01-123-7379	9
4935S OPT 2	TIMS TST	6625-01-176-8561	1
494AP	SPEC AN	6625-01-261-8107	28
519A	TEST	6625-00-443-8086	4
5200	XMS ANA	6625-01-423-2156	6
5200-02	TTS	6625-01-445-9080	5
5328A	COUNTER	6625-01-164-0519	65
5342A	CNTR FREQ	6625-01-081-3402	3
5350B W/OSCILL	COUNTER	6625-01-275-6268	8
5361A	PULSE COUNTER 20 GHZ	6625-01-346-7455	1
54645A	SCOPE	6625-01-450-7534	2
585B	CAL FRQ	6625-01-358-4903	10
6053/11/15	CNTR	6625-01-313-1624	3
6060A-AN	SIG GEN	6625-01-222-5007	7
6100	GEN OPT 3,6,19	6625-01-377-8179	33
6152A	CNTR	6625-00-148-8021	12
6153-50	CNTR	6625-00-350-5714	85
6930	POWER SENSOR	6625-01-426-8833	5
6970	METER SCALE	6625-01-426-4166	10
701A	TTS	6625-01-174-7992	81
701A	TTS	6625-01-296-2103	25
704A	TIMS WIDE FREQ	6625-01-448-2281	9
7220A	CNTR	6625-01-304-2215	100
7250A	COUNTER	6625-01-176-1269	12
744	FUNC GEN	6625-01-313-1589	4
801	PULSE GEN	6625-01-071-8403	2
83731A	GEN SIG	6625-01-365-8035	6
8403A 004 H-34	MODULATOR	6625-01-310-2528	1
8403A OPT 004	MODULATOR	6625-01-023-8026	51
8419B	AUD LVL METER	6625-01-300-6148	10
8478A	THERM MNT	6625-00-811-2435	3
8478B	THERM MOUNT STD	6625-01-067-0413	2
84811A	PK PWR SNSR	6625-01-166-9370	12
84812A	PEAK POWER SNSR	6625-01-347-4904	8
84815A	SNSR	6625-01-418-0950	10
8481A	PK PWR SENSOR	6625-00-354-9762	27
8481D	SNSR	6625-01-312-8743	4
8481H	SNSR	6625-01-014-6695	10
8482A	SENSOR	6625-01-015-4412	82
8482B	POWER SENSOR	6625-01-094-8263	23
8482H	SNSR	6625-01-072-4895	4

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
8484A	SNSR	6625-01-028-2882	29
8502A	PWR METER	6625-01-423-6599	7
8506A	PWR RAD FREQ	6625-01-259-8163	14
85032B	CALIBRATION KIT	6625-01-267-2651	2
85046A	TEST	6625-01-262-3953	6
85081B	INPUT PIU MOD	6625-01-370-4253	6
85082A	PLUG IN	6625-01-433-5881	1
8508A	VTM	6625-01-318-0238	16
8508A	VTM	6625-01-329-8169	17
8563A OPT E36	SPEC ANA	6625-01-392-5724	13
8563A-E01	SPEC AN	6625-01-326-8976	3
8563A-K01	SPEC AN	6625-01-311-5272	75
8566B	SPEC ANA	6625-01-176-2303	3
8614A	SIG GEN	6625-00-872-3215	1
8616A	GEN	6625-00-254-6671	110
8640B	SIG GEN	6625-01-018-8583	21
8640B OPT3	SIG GEN	6625-01-045-2183	348
8671B	SIG GEN	6625-01-319-3930	5
870-01	ANA	6625-01-314-1269	8
8753C	ANA ELEC TST	6625-01-322-5296	19
8831	CABLE FAULT FINDER	6625-01-419-6706	4
8900C	POWER METER	6625-01-079-9347	7
8920A	RADIO TEST SET	9000-00-400-0079	1
8920A	RADIO TST SET	6625-01-361-0033	46
8990A	PEAK PWR ANA	6625-01-347-2983	30
9008	MOD METER	6625-01-075-3761	3
9035	CNTR W RMT.	6625-01-165-7790	14
9035	COUNTER W/O REMOTE	6625-01-311-2700	5
909808-10	PRESS XFER	6625-01-230-3769	16
921A	GEN	6625-00-433-6477	4
92BD-01	VTM	6625-01-017-8562	6
93001050-01	METER	6625-01-391-1091	6
97	SCOPE METER	6625-01-369-5901	3
AN/UPM 155	RADAR TEST SET	6625-01-307-0512	22
ANUSM 425	SCOPE	6625-01-032-6914	231
BE9000	DEMARC TST SET	6625-01-314-7737	7
CE24A	VTM	6625-01-080-0289	2
CLC-100	MULTIMTR/ BATTERY	6625-01-437-8297	4
CSM1	MON	6625-01-161-4834	22
FA1584	TST	6625-00-773-0049	27
FA5448	MON	6625-00-014-4488	41
FA8169	TST	6625-00-463-3522	5
FA8901	MON	6625-00-311-3357	13
FA8951	MONITOR	6625-00-322-8684	14
FA9410	VID TEST SET	6625-01-308-6446	80

TECHNICAL EXHIBIT 5
ER TEST EQUIPMENT TYPES REPAIRED
FY-00

MODEL	DESCRIPTION	NSN	REPAIRED
FA9411	RF TEST SET	6625-01-308-4401	83
FA9491	TEST	6625-01-313-4410	6
FMAV 500	RADIO TEST	6625-01-302-0578	11
HMP 25U	HUMIDITY PROBE	6625-01-154-1306	9
HVP-56	TESTER	6625-01-369-5886	1
K105-401	TEST SET	6625-01-311-2714	3
K450 XLD	LOGIC ANA	6625-01-311-2715	1
LBO508A	SCOPE	6625-01-304-2182	53
LBO522	SCOPE	6625-01-158-3600	35
LC105	ANA CAP	6625-01-278-3878	6
MC6000	FIREBIRD COMM ANA	6625-01-338-3387	1
MD1A	MUL MTR	6625-00-867-3244	6
MDL 100	CAL MODEL	6625-01-315-6241	3
MDL 20	GEN	6625-01-238-7314	4
MP1	AUDIO POWER METER	6625-00-964-7231	6
MRC6500	CHKR RPTR	6625-01-315-9116	84
NAUS 80	NAUS WATTMTR	6625-01-038-6059	12
PM3267	SCOPE	6625-01-187-3353	47
PM3394	SCOPE	6625-01-393-5058	7
PM3394/063	OSL	6625-01-359-0919	1
PM3655	LOGIC ANA	6625-01-315-4128	5
PM6680	CNTR ELEC	6625-01-364-7519	3
SR 90	TEST SET, RELAY	6625-01-366-5029	1
TDS420A	DIG OSCOPE	6625-01-422-2342	3
TDS620.4	SCOPE	6625-01-396-9930	12
TTS37B	TTS TST	6625-00-918-5721	26
TTS37BAQ	TTS TST	6625-01-020-9995	13
TTS44	XMS TSTR	6625-01-103-6524	177



LEGEND:

DESIGNATES METROLOGY AREA.

DESIGNATES NON-METALLIC AREA.

REV & IN	DATE	DESCRIPTION	CHK'D

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
MIKE MONRONEY AERONAUTICAL CENTER — OKLAHOMA CITY, OKLA.

AML-400
METROLOGY & NON-METALLIC AREAS

REVIEWED BY	DESIGNED BY	SUBMITTED BY	APPROVED BY
	DRAWN BY R.W.H.	ISSUED BY FAMLC ENGINEERING & PRODUCTION BRANCH	DATE 2/1/95
	CHECKED BY		DRAWING NO. E-A-3312-2

Technical Exhibit 6

TECHNICAL EXHIBIT 7A
REQUIRED REPORTS/PLANS

Report Type	Format	Reference	When	Copies
Personnel Certification	Letter	1.5.3	Prior to contract start date. Updated as required.	1
Contractor Employees	Roster	1.5.9	5th of each month	1
Security POC	Letter	1.5.1.1	Prior to contract start date. Update as required.	1
Stolen, missing, or damaged government or personal property	Form	1.6.1.3.3 1.6.1.3.4	Within 1 workday	2
Lost key report	Form	1.6.1.6.1	Within 1 hour of loss	1
Quality Plan	Plan	1.7.1	With tech proposal	2
Inspection record file	Form	1.7.1	As requested	2
On-call support	Letter	1.9.3	10 work days prior to contract start date	1
Contingency Plan	Optional	1.10.1	10 work days prior to contract start date	2
Strike Contingency Plan	Optional	1.10.2	10 work days prior to contract start date	2
Inspection by Regulatory Agencies	Letter	1.14	By COB on day following inspection	2
Safety Plan	Plan	1.15	With Quality Plan	2
Accident Report	Report	1.15.1	Within 2 work days of occurrence	2
Transition Plan	Optional	1.16	With Proposal	2

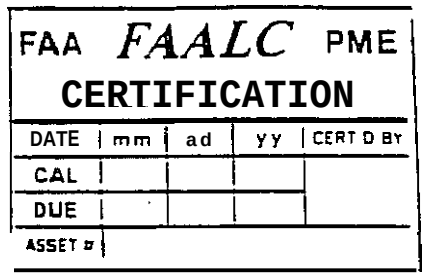
TECHNICAL EXHIBIT 7A
REQUIRED REPORTS/PLANS

Report Tvpe	Format	Reference	When	Copies
Property Control Procedures	Optional	3.5.1	Draft to COTR 30 days after award	2
Property Damage Report	Letter	3.5.13	Within 24 hours of occurrence	1
Contractor acquired equipment	List	4.1	Within 2 weeks	1
Contractor Permits/ Licenses	copy	4.7	Prior to contract start date	1
Test Procedures	Optional	5.2.2.2	To COTR prior to use	1
Delinquent report	Optional	5.2.3.7	Determined by priority	1

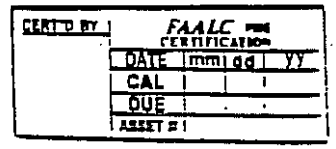
TECHNICAL EXHIBIT 7b

REQUIRED FORMS

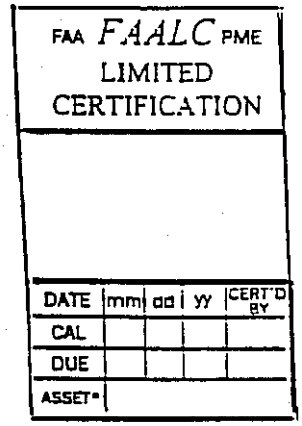
AC FORM	1600-5	Report of Missing/Damaged/Stolen Property
	4510-1	FAALC Certification Label (Large)
	4510-la	FAALC Certification Label (Small)
	4510-2	FAALC Limited Calibration Label
	4510-3	Certification Void Seal
	4510-4	Not Certified Label
	4630-30	NonConforming Product
	4700-49	Reparable Part Tag
	4700-301-2	Condemned Part Tag
	6000-11	Production Order
	6000-11	Production Order Assignment Tag (Serviceable)
	6000-11-7	Production Order Assignment tag (serviceable)
	6040-43	Equipment Beyond Economical repair
	6040-51	Failure & repair History
Shop Form		FAALC Report Of Calibration
COTR Form		Customer Complaint Record
COTR Form		Customer Complaint Record
CDR Form		Contract Discrepancy Report



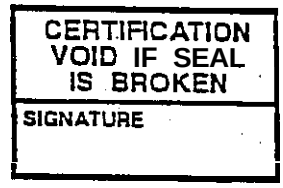
AC' Form 4510-1



AC Form 4510-la



AC Form 4510-2



AC Form 4510-3

AC Form 4510-4

NONCONFORMING PRODUCT

NSN	Qty	Description

REJECT

COMMENTS:

CSA #:

VOUCHER #:

Have you submitted a Customer Service Action?	Yes	No

Date	Originator	Routing Symbol	Telephone No.

AC Form 4630-30 (01/99) (NSN 0052-00-920-4000)

7 QTY	8 WORK ORDER NO	9 DESCRIPTION	10 WC	11 TYPE STD	12 HOURS
13 PN	14 SERIAL NO.	15 REMARKS	16 SUPPORT WC	17 TYPE STD	18 HOURS
19 BREAK DATE	20 PROJ. MGR.		21 SUPPORT WC	22 TYPE STD.	23 HOURS
24 REC'D DATE			26 SUPPORT WC	27 TYPE STD	28 HOURS
29 SCHED. BY	30 DATE	31 UNIT COST	32 SUPPORT WC	33 TYPE STD.	34 HOURS
35 EST. START	36 EST. COMP.	37 REPLACEMENT COST	38 SUPPORT WC	39 TYPE STD.	40 HOURS
41 REPAIR BY	42 DATE	43 TOT. COST AUTH.		45 TYPE STD.	46 HOURS
47 EVAL. BY	48 DATE	49 INTRANSIT LOC.	ASSIGNMENT TAG. AC FORM 6000-11 (10-77) PRODUCTION ORDER		
50 EST. MATL.	51 MAT'L DUE	52 ISSUE VOUCHER	53 ORDER NO.	54 REPAIR LEVEL	

1. ORDER NO.	2. NSN	3. SERIAL NO.	4. WORK ORDER NO.
5 DESCRIPTION	6. EVAL. BY	7. DATE	8. PRIORITY	9. UNIT COST
10. T/C	11. SUPPLY SUPPORT CODE	PROPERTY VOUCHER	12. REPLACEMENT COST
13. SP/HD CODE	☐ PRE-COST ISSUE TO SHOPS ☐ CONFIRMING ISSUE TO SHOP		14. ISSUE VOUCHER

15. QUANTITY	16. UNIT OF ISSUE	17. SERVICE LOCATION	18. ISSUE COND.	19. REP. LOCATION	20. BREAK DATE

21. WORK DESCRIPTION

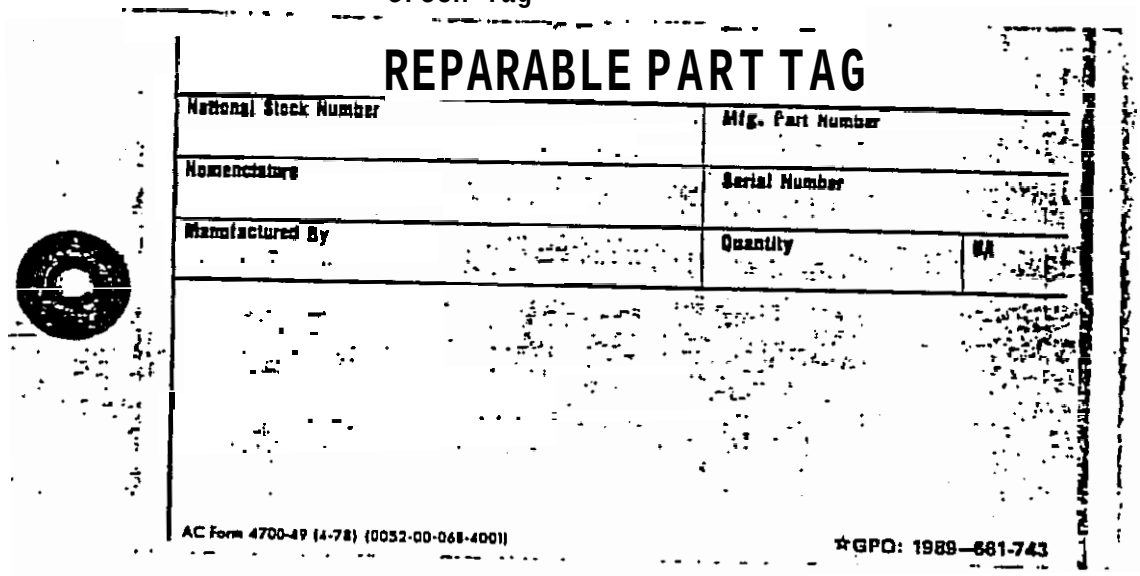
PRIME WC	DATE REC'D	DATE COMP.	REPAIRED BY	REMARKS
ALT WC				
SUPPORT WC				
SUPPORT WC				
SUPPORT WC				
SUPPORT WC				
SUPPORT WC				

PRODUCTION ORDER

hole Routing copy must stay with item at all times

U.S. GOVERNMENT PRINTING OFFICE: 1994-569-088

Green Tag



REPARABLE PART TAG

National Stock Number	Mfg. Part Number
Nomenclature	Serial Number
Manufactured By	Quantity / QA

AC Form 4700-49 (4-78) (0052-00-068-4001)

☆GPO: 1989—681-743

Red Tag

CONDEMNED PART

NSN _____

Part No. _____

Ser. No. _____

Manufacturer _____

TSO _____ Data Removed _____

ARR No. _____ Activity _____

Reason lor Rejection _____

_____

_____

_____

_____

Rejected By _____

FAA Condemned Part Tag
AC Form 4100-301-2 (1-88) (0052-00-599-2000)

1 CODE	2 ORDER NO	3 NSN	4 PRIME WC	5 TYPE STD	6 HOURS
7 QTY	8 WORK ORDER NO	9 DESCRIPTION	10 ALT WC	11 TYPE STD	12 HOURS

SERVICEABLE

ATTACH THIS COPY TO OUTSIDE OF SHIPPING CONTAINER

ASSIGNMENT TAG

AC FORM 8000-11 (10-77) PRODUCTION ORDER

1. WDL	2. ORDER NO.	3. NSN	4. WORK ORDER YO.	5 - DATE REC
6. .	7. SERIAL NO.	8. DESCRIPTION	9. SYSTEM CODE	10. UNIT COST

11. ORIG. DOC. NO.	12. COST ACCOUNT CODE	13. PRIME WC	14. TYPE STD.	15. STD. HOU

16. BREAK DATE	17. CUST. IDENTIFIER	18. SEQUENCE 1☐ to 3☐	19. SUPPORT WC	20. TYPE STD.	21. STD. HOU
ZZ.	23. DISPOSITION CODE	24. REPAIR LEVEL 1☐ 2☐ 'O	25. SUPPORT WC	26. TYPE STD.	27. NO. HOURS
28. SCHED. BY	29. DATE	30. REIMBURSABLE CODE	31. REMARKS		
32. SHOP ISSUE BY .	aS. DATE	34. PARTS REQ'D. YES ☐ NO ☐			
35. REPAIR BY	36. DATE	37. STATUS CODE .			
38. EVAL. BY	39. DATE	40. STOCK LOCATION			

ASSIGNMENT TAG

AC Form 6000-11-1 (12-76) Prod. Order (Sup. Sheet)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

41. ORDER NO. _____

1. ORDER NO.	2. NSN	a. SERIAL NO.	4. WORK ORDER NO.
5. DESCRIPTION	6. EVAL BY	7. DATE	8. PRIME WC .	9. UNIT COST
10. T/C	11. SUPPLY SUPPORT CODE	PROPERTY VOUCHER	12. ORIG. DOC. NO.

REQUEST YOU PERFORM: ☐ FABRICATION ☐ MODIFICATION ☐ INSPECTION, and /or ☐ OTH

QUANTITY	PRIORITY	DATE REQUIRED

REMARKS

APPROVED BY	REQUESTED BY

QUANTITY	UNIT OF ISSUE	ISSUE COND.	BREAK DATE

SHOP TURN IN TO STOCK

NSN _____ ☐ FROM CONDITION _____ QTY _____ U/I _____

T/C _____ ☐ TO CONDITION _____ QTY _____ U/I _____

QTY	7 SERIAL NO	8 DESCRIPTION	9 SYSTEM CODE	10 UNIT COST

11 ORIG. DOC. NO	12. COST ACCOUNT CODE	13. PRIME WC	14. TYPE STD	15 STD HOURS

16. BREAK DATE	17. CUST. IDENTIFIER	18. SEQUENCE 1☐ 2☐ 3☐	19. SUPPORT WC	20. TYPE STD.	21. STD. HOURS

22.	23. DISPOSITION CODE	24 REPAIR LEVEL 1☐ 2☐ 3☐	25. SUPPORT WC	26. TYPE STD	27. STD. HOURS

28. SCHED. BY	29. DATE	30. REIMBURSABLE CODE	31. REMARKS

32. SHOP ISSUE BY	33. DATE	34. PARTS REQ'D YES ☐ NO ☐

35. REPAIR BY	36. DATE	37. STATUS CODE

38. EVAL. BY	39. DATE	40. STOCK LOCATION

ASSIGNMENT TAG

AC FORM 6000-11-7 (7-73) W. O./PROD. ORDER

PAGE 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

41. ORDER NO.

1. ORDER NO.	2. NSN	3. SERIAL NO.	4. WORK ORDER NO.

5. DESCRIPTION	6. EVAL BY	7. DATE	8. PRIME. WC	9. UNIT COST

10. T/C	11. SUPPLY SUPPORT CODE	PROPERTY VOUCHER	12. ORIG. DOC. NO.

REQUEST YOU PERFORM: ☐ FABRICATION ☐ MODIFICATION ☐ INSPECTION, and /or ☐ OTHER

QUANTITY	PRIORITY	(DATE REQUIRED

REMARKS

APPROVED BY	REQUESTED BY

QUANTITY	UNIT OF ISSUE	ISSUE CDND.	BREAK DATE

U.S. Department of Transportation
Federal Aviation Administration

Memorandum

Subject: INFORMATION: Equipment Beyond Economical Repair

Date:

From:

Reply to Attn of:

To:

Regarding repair of _____ NSN _____

sent to shops on Transaction #_____

dated_____, replacement cost _____, estimated repair cost_____. I have determined thar:

It is physically impractical to repair this item.

Remarks: _____

_____

_____

_____

It is uneconomical to repair this item.

Remarks: _____

_____

_____

_____

Coordinated with: _____ IM# _____

Signature: _____

Title: _____

FAILURE & REPAIR HISTORY

CONTROL NO. _____ SERIAL NO. _____

MOD/REV LEVEL _____ P/N _____

NSN _____ MFG _____

SHIP FROM SSC _____ PRIORITY _____

DATE IN SHOPS _____ CONTRACT# _____

DATE REPAIR COMPLETE _____

PURCHASE ORDER/DELIVERY ORDER _____

FAILURE DATA

ALL REPAIR AND FAILURE CODES ON BACK OF THIS SHEET

DATE IN W/C	W/C	FAIL CODE	FAIL IND	FAILED ITEM	REPAIR CODE	REPAIR IND	REPAIRED ITEM	DATE OUT W/C

REMARKS: _____

Name _____ Phone _____
(for reference only)

Failure & Repair History report (Back side)

FAIL CODE DEFINITIONS

code	description
02	ARCING
03	OUT OF TOLERANCE
04	BENT
05	BLOWN
06	BROKEN
07	BROKENLAND
08	BURNED
09	BURNEDLAND
10	CORRODED
11	COLD SOLDER JOINT
12	CRACKED
13	BROKEN WIRE
14	DAMAGED IN SHIP
15	DAMAGED CONNECTOR
16	DEFECTIVE
18	DIRTY
20	FAILED
22	FROZEN
24	GROUNDED
25	HIGH LOSS
26	HIGH INPUT
28	HIGH RIPPLE
30	INOPERATIVE
32	INTERMITTENT
34	JAMMED
36	LEAKING
38	LIGHTENING
40	LOOSE
42	LOW OUTPUT
44	MISALIGNED
46	MISSING
48	MOISTURE
49	NARROW BAND WIDTH
50	NOISY
52	NONE DETECTED
54	NO OUTPUT
56	OPEN
58	PENETRATED
60	REMARKS
61	SCRATCHED
62	SEVERED
64	SHATTERED
65	SOLDER BRIDGE
66	SHORTED
67	UNSTABLE
68	VIBRATES
69	UNAUTH MODIFICATION
70	WORN
71	WRONG PARTS
72	UNMODIFIED
74	STRIPPED
76	DETERIORATED
76	TORN
80	WARPED
81	MISMATCHED
82	DISTORTED
83	PREVENTIVE MAINT
84	SLOWS FUSES
86	FRAYED
88	WEATHERED
92	FAIL ATE
96	FAIL SYSTEM

REPAIR CODE DEFINITIONS

code	description
02	ADJUST
03	AUGN
04	BAKE
05	PREVENTIVE MAINT.
06	CALIBRATE
08	CLEAN
10	DE-ENCAPSULATE
11	DISASSEMBLE
12	ENCAPSULATE
14	FABRICATE
16	GRIND
18	IMPREGNATE
20	INSTALL
22	INSULATE
24	LUBRICATE
26	MACHINE
28	MODIFY
30	MOLD
32	NONE REQUIRED
33	OPERATIONAL CHECK
34	PAINT
36	PLATE
37	REASSEMBLE
38	REFINISH
40	REFURBISH
42	REMARKS
43	REMOVED
44	REPLACE
45	RESEAL
46	REWIND
48	REWIRE
50	SAND BLAST
52	SHAPE
54	SOLDER
56	STRIP
57	STRAIGHTENED
58	TEMPER
60	TIGHTEN
62	UNREPAIRABLE
64	WELD
66	RE-PROGRAM
68	RE-SEAT CCA
70	ALIGNED
72	SHIP TO FACILITY
74	LAP HEAD
75	REPAIR
84	SURVEY
86	SHOTGUN
90	PASS ATE
94	PASSSYSTEM

REPAIR INDICATOR DEFINITIONS

"C" INDICATES CIRCUIT SYMBOL IN NEXT FIELD

"N" INDICATES NEXT FIELD CONTAINS A NOUN

"P" INDICATES NEXT FIELD CONTINS A FARTNUMBEF.

ROM:
'EPARTMENT OF TRANSPORTATION
:EDERAL AVIATION ADMINISTRATION
AA DEPOT
O BOX 25082
00 S. MAC ARTHUR
KLAHOMA CITY, OKLAHOMA 73125

F M FOAM 4250-4 (1-93)

SHIPPING ORDER

(FOR "SS" WORK)

OUTGOING VOUCHER NO. | PROCESSING DATE | PAGE

NUMBER OF PACKAGES | TOTAL WEIGHT

PACKER | G B.L NUMBER

CARRIER(S)

DATE SHIPMENT SCHEDULED | DATE SHIPPED

APPROPRIATION/AGREEMENT NUMBER

COST CENTER CODE | JOB ORDER NO | AS

PCN | SUPPLY SUPPORT CODE

SHIP TO:
r

L

MARK FOR:

ITEM NO	NATIONAL STOCK NUMBER	DESCRIPTION	UNIT OF ISSUE	QUANTITY	COST UNIT	COST TOTAL	TRANSP	*COND.	*Q.U.P.	ACCTG.	TRANSACTION CODE	ACCOUNT	UNSHIPPED * CODE	UNSHIPPED B.O.R DATE (EST.)	REG. ACT	PCN LINE ITEM NO	QUANTITY RECD / REFER

ITEMS RECEIVED IN GOOD CONDITION EXCEPT AS | DATE | INCOMING VOUCHER NO. | VOUCHER COST

*SEE REVERSE SIDE OF THIS FOAM FOR LEGEND OF CODES

1

FAA LOGISTICS CF 'ER
STANDARDS LABORA-JRY
REPORT OF CALIBRATION

MANUFACTURER _____ MODEL NUMBER _____

DESCRIPTION _____ SERIAL NO. _____

DATE OF CAL _____ ID NUMBER _____

THIS INSTRUMENT WAS CALIBRATED WITH STANDARDS MAINTAINED BY THE FAA LOGISTICS CENTER'S STANDARDS LABORATORY. THESE STANDARDS ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST). THE ORIGINAL MANUFACTURER'S PERFORMANCE TESTS, CALIBRATION PROCEDURES, REPAIR PROCEDURES, OR APPROVED MILITARY CALIBRATION PROCEDURES HAVE BEEN USED UNLESS OTHERWISE DENOTED. ALL PARAMETERS MEET ORIGINAL MANUFACTURER'S SPECIFICATIONS UNLESS OTHERWISE DENOTED.

STANDARDS USED FOR CALIBRATION:

MODEL #	ID #/(IF NO ID#, LIST SERIAL # AND DATE DUE)

COMMENTS: (PROCEDURES OTHER THAN MANUFACTURER'S, LIMITED CALIBRATION INFORMATION, CAL INTERVAL CHANGES, ETC.)

RESULTS:

_____ CALIBRATION ONLY (NO DEFECTS FOUND)

_____ REPAIR AND CAL (SEE FAILURE REPAIR HISTORY)

_____ ADJUSTED/OUT OF TOLERANCE (SEE COMMENTS)

_____ LIMITED (SEE COMMENTS)

TECHNICIAN _____ INTERVAL _____ YEAR

	CONTRACT DISCREPANCY REPORT	REPORT NO.

contract #	Date:
TO: (Contractor Manager's Name)	From: (C.O.)

Discrepancy: (Describe in detail with specific PWS reference)

C. O. Signature:	COTR Signature:

Contractor Response: (State cause, corrective action, and actions to, prevent recurrence)

Signature of Contractor: Date:

Government Evaluation and Actions: (Full/partial acceptance, rejection, reduced payment, cure notice, show cause)

CLOSE OUT

	NAME-TITLE	SIGNATURE	DATE
CONTRACTOR			
COTR			
CO			

CUSTOMER COMPLAINT RECORD

CUSTOMER ENTRIES

FROM: (NAME) _____ DATE _____

WORKCENTER _____ PHONE _____

COMPLAINT/DISCREPANCY:

TO CONTRACTOR:	FROM COTR:

ACTION TAKEN BY CONTRACTOR:

COTR VALIDATION COMMENTS:

TECHNICAL EXHIBIT 8

FAA APPLICABLE DOCUMENTS

The following documents are in effect on the date of this invitation-for-bid or request for proposal, form a part of this performance work statement and are applicable except where modified.

Documents: The contractor shall ensure all publications received are posted to date. MMAC orders are identified in this tech exhibit by AC preceding the order number.

The listed publications are coded as follows: M Manadatory
A Advisory

ID Number	Title	Reference	Code
FAA 1600.1D	Personnel Security Program	1.6.1.5	A
FAA 1600.54B	Automated security Systems	1.6.1.2	A
AC 1050.4	Spill Prevention and Response Plan	1.11.1	M
FAA 1900.1F	FAA Emergency Operations Plan	1.15	M
FAA 3900.19B	Occupational Safety and Health	1.15	A
AC 3900.21E	Occupational Safety	1.15	A
AC 6200.4F	Test Equipment Management Handbook	5.2.1.2	M
FAAD-Std-1003b	Servicing Standard For Ground Equipment	5.2.1.2	M
FAAD-Std-1294C	Servicing Standards and Test Requirements for Electronic Test Equipment	5.2.1.2	M
FAAD-Std-1328C	Repair and Testing Requirements For Electronic Test Equipment	5.2.1.4	M
ANSI/NCSL Z540-1-1994	Calibration Laboratories and Measuring and Test Equipment	4.4 5.2.1.1	M

TECHNICAL EXHIBIT 8

FAA APPLICABLE DOCUMENTS

The following codes and standards shall be obtained for reference by the contractor:

ID Number	Reference
10 CFR, part 490	1.12.1
ANSI Standards	1.15
NFPA Codes (Vol 1-13)	1.15
NEC (Vol #70 and 70E)	1.15
29 CFR 1910 OSHA Stds	1.15
29 CFR 1926 OSAH Stds	1.15
40 CFR 243	4.1

REGISTER OF WAGE DETERMINATIONS UNDER
M E SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON. D.C. 20210

William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1994-2432
Revision No.: 12
Date of Last Revision: 09/18/2000

State: Oklahoma

Area: Oklahoma Counties of Alfalfa. Atoka, Beckham, Blaine. Bryan. Caddo, Canadian. Carter, Cleveland, Coal, Custer, Dewey, Ellis. Garfield, Garvin, Grady. Grant, Harper. Hughes. Johnston. Kingfisher, Lincoln, Logan, Love, Major, Marshall, McClain, Murray, Noble. Oklahoma. Payne, Pontotoc, Pottawatomie, Roger Mills, Seminole. Washita. Woods, Woodward

** Fringe Benefits Required Follow the Occupational Listing **

OCCUPATION TITLE	MINIMUM WAGE RATE
Administrative Support and Clerical Occupations	
Accounting Clerk I	9.22
Accounting Clerk II	10.15
Accounting Clerk III	13.01
Accounting Clerk IV	17.39
Court Reporter	12.32
Dispatcher. Motor Vehicle	13.46
Document Preparation Clerk	9.22
Duplicating Machine Operator	9.22
Film/Tape Librarian	9.88
General Clerk I	8.70
General Clerk II	9.43
General Clerk III	11.94
General Clerk IV	17.20
Housing Referral Assistant	14.96
Key Entry Operator I	8.70
Key Entry Operator II	9.87
Messenger (Courier)	9.49
Order Clerk I	8.09
Order Clerk II	11.18
Personnel Assistant (Employment) I	10.41
Personnel Assistant (Employment) II	11.36
Personnel Assistant (Employment) III	14.17
Personnel Assistant (Employment) IV	16.43
Production Control Clerk	15.50
Rental Clerk	10.35
Scheduler. Maintenance	10.35
Secretary I	10.35
Secretary II	12.90
Secretary III	14.96
Secretary IV	16.81

Secretary V	17.80
Service Order Dispatcher	10.80
Stenographer I	8.80
Stenographer II	[illegible]
Supply Technician	[illegible]
Survey Worker (Interviewer)	12.32
Switchboard Operator-Receptionist	8.75
Test Examiner	12.90
Test Proctor	12.86
Travel Clerk I	8.77
Travel Clerk II	9.21
Travel Clerk III	9.65
Word Processor I	7.63
word Processor II	9.14
Word Processor III	9.92
Automatic Data Processing Occupations	
Computer Data Librarian	8.07
Computer Operator I	8.28
Computer Operator II	10.19
Computer Operamr III	13.66
Computer Operator IV	14.78
Computer Operamr V	[illegible]
Computer Programmer I (1)	15.76
Computer Programmer II (1)	18.08
Computer Programmer III (1)	22.36
Computer Programmer IV (1)	25.99
Computer Systems Analyst I (1 j	20.78
Computer Systems Analyst II (1)	23.26
Computer Systems Analyst III (1)	26.68
Peripheral Equipment Operator	9.29
Automotive **Service** Occupations	
Automotive Body Repairer. Fiberglass	15.64
Automotive Glass Installer	14.08
Automotive Worker	14.08
Electrician. Automotive	14.86
Mobile Equipment Servicer	12.54
Motor Equipment Metal Mechanic	15.64
Motor Equipment Metal Worker	14.08
Motor Vehicle Mechanic	15.64
Motor Vehicle Mechanic Helper	11.75
Motor Vehicle Upholstery Worker	13.31
Motor Vehicle Wrecker	14.08
Painter, Automotive	14.86
Radiator Repair Specialist	14.08
Tire Repairer	12.12
Transmission Repair Specialist	15.64

ATTACHMENT 2
PAGE NO. 2 OF 10

Food Preparation and Service Occupations	
Baker	9.04
Cook I	7.51
Cook II	9.04
Dishwasher	6.60
Food Service Worker	6.50
Meat Cutter	10.39
Waiter/Waitress	6.75
Furniture Maintenance and Repair Occupations	
Electrostatic Spray Painter	14.86
Furniture Handler	10.36
Furniture Refinisher	14.86
Furniture Refinisher Helper	11.75
Furniture Repairer. Minor	13.31
Upholsterer	14.86
General Services and Support Occupations	
Cleaner. Vehicles	7.12
Elevator Operator	7.32
Gardener	9.17
House Keeping Aid I	6.49
House Keeping Aid II	7.32
Janitor	7.32
Laborer, Grounds Maintenance	7.71
Maid or Houseman	6.49
Pest Controller	9.81
Refuse Collector	7.32
Tractor Operator	8.60
Window Cleaner	7.76
Health Occupations	
Dental Assistant	10.93
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	11.19
Licensed Practical Nurse I	9.00
Licensed Practical Nurse II	10.11
Licensed Practical Nurse III	11.32
Medical Assistant	9.93
Medical Laboratory Technician	10.11
Medical Record Clerk	9.77
Medical Record Technician	13.54
Nursing Assistant I	7.10
Nursing Assistant II	7.98
Nursing Assistant III	8.71
Nursing Assistant IV	9.77
Pharmacy Technician	12.19
Phlebotomist	10.11
Registered Nurse I	14.01

Registered Nurse II	17.14
Registered Nurse II, Specialist	17.14
Registered Nurse III	20.77
Registered Nurse III, Anesthetist	[illegible]
Registered Nurse IV	24.85

Information and Arts Occupations

Audiovisual Librarian	16.49
Exhibits Specialist I	14.78
Exhibits Specialist II	16.34
Exhibits Specialist III	20.40
Illustrator I	14.78
Illustrator II	16.34
Illustrator III	20.40
Librarian	16.02
Library Technician	11.07
Photographer I	10.96
Photographer II	13.53
Photographer III	16.34
Photographer IV	20.40
Photographer V	23.41

Laundry, Dry Cleaning, Pressing and Related Occupations

Assembler	6.11
Counter Attendant	6.11
Dry Cleaner	7.90
Finisher, Flatwork, Machine	6.11
Presser. Hand	6.11
Presser, Machine. Drycleaning	6.11
Presser. Machine, Shirts	6.11
Presser, Machine. Wearing Apparel, Laundry	6.11
Sewing Machine Operator	8.48
Tailor	9.05
Washer, Machine	6.69

Machine Tool Operation and Repair Occupations

Machine-Tool Operator (Toolroom)	14.86
Tool and Die Maker	20.20

Material Handling and Packing Occupations

Forklift Operator	11.46
Fuel Distribution System Operator	14.02
Material Coordinator	14.54
Material Expediter	14.54
Material Handling Laborer	10.95
Order Filler	11.74
Production Line Worker (Food Processing)	11.46
Shipping Packer	10.57
Shipping/Receiving Clerk	10.57

Stock Clerk (Shelf Stocker; Store Worker II)	12.16
Store Worker I	10.06
Tools and Parts Attendant	11.46
Warehouse Specialist	11.46
Mechanics and Maintenance and Repair Occupations	
Aircraft Mechanic	15.64
Aircraft Mechanic Helper	11.75
Aircraft Quality Control Inspector	16.44
Aircraft Servicer	13.31
Aircraft Worker	14.08
Appliance Mechanic	14.86
Bicycle Repairer	12.12
Cable Splicer	17.99
Carpenter, Maintenance	14.86
Carpet Layer	14.08
Electrician, Maintenance	16.03
Electronics Technician. Maintenance I	13.01
Electronics Technician. Maintenance II	19.57
Electronics Technician. Maintenance III	21.95
Fabric Worker	13.31
Fire Alarm System Mechanic	15.64
Fire Extinguisher Repairer	12.54
Fuel Distribution System Mechanic	15.64
General Maintenance Worker	14.03
Heating, Refrigeration and Air Conditioning Mechanic	15.64
Heavy Equipment Mechanic	15.64
Heavy Equipment Operator	15.64
Instrument Mechanic	17.02
Laborer	8.41
Locksmith	14.86
Machinery Maintenance Mechanic	15.53
Machinist Maintenance	15.64
Maintenance Trades Helper	11.75
Millwright	16.24
Office Appliance Repairer	14.86
Painter, Aircraft	14.86
Painter, Maintenance	14.86
Pipefitter, Maintenance	16.36
Plumber, Maintenance	15.56
Pneudraulic Systems Mechanic	15.64
Rigger	15.64
Scale Mechanic	14.08
Sheet-Metal Worker. Maintenance	15.64
Small Engine Mechanic	14.08
Telecommunication Mechanic I	17.99
Telecommunication Mechanic II	18.86
Telephone Lineman	17.99
Welder, Combination, Maintenance	15.64

ATTACHMENT 2
PAGE NO. 5 OF 10

Well Driller	13.64
Woodcraft Worker	15.64
Woodworker	12.54
Miscellaneous Occupations	
Animal Caretaker	7.37
Carnival Equipment Operator	8.65
Carnival Equipment Repairer	9.23
Carnival Worker	6.72
Cashier	6.86
Desk Clerk	8.41
Embalmer	16.57
Lifeguard	8.63
Mortician	16.57
Park Attendant (Aide)	10.84
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.62
Recreation Specialist	11.65
Recycling Worker	13.64
Sales Clerk	8.06
School Crossing Guard (Crosswalk Attendant)	6.37
Sport Official	8.63
Survey Party Chief (Chief of Party)	16.23
Surveying Aide	9.04
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	12.97
Swimming Pool Operator	9.04
Vending Machine Attendant	7.51
Vending Machine Repairer	9.04
Vending Machine Repairer Helper	7.51
Personal Needs Occupations	
Child Care Attendant	8.41
Child Care Center Clerk	12.06
Chore Aid	8.01
Homemaker	13.40
Plant and System Operation **Occupations**	
Boiler Tender	15.64
Sewage Plant Operator	14.86
Stationary Engineer	17.20
Ventilation Equipment Tender	11.75
Water Treatment Plant Operator	14.86
Protective Service Occupations	
Alarm Monitor	9.57
Corrections Officer	12.62
Court Security Officer	12.96
Detention Officer	12.62
Firefighter	10.91
Guard I	7.77

Guard II	11.40
Police Officer	13.80
Stevedoring/Longshoremen Occupations	
Blocker and Bracer	15.79
Hatch Tender	13.73
Line Handler	13.73
Stevedore I	14.94
Stevedore II	16.67
Technical Occupations	
Air Traffic Control Specialist, Center (2)	26.07
Air Traffic Control Specialist Station (2)	17.98
Air Traffic Control Specialist, Terminal (2)	19.75
Archeological Technician I	11.94
Archeological Technician II	13.36
Archeological Technician III	16.54
Cartographic Technician	16.63
Civil Engineering Technician	16.34
Computer Based Training (CBT) Specialist/ Instructor	21.76
Drafter I	10.58
Drafter II	12.22
Drafter III	16.11
Drafter IV	18.81
Engineering Technician I	12.54
Engineering Technician II	15.71
Engineering Technician III	17.26
Engineering Technician IV	22.36
Engineering Technician V	25.80
Engineering Technician VI	29.61
Environmental Technician	17.03
Flight Simulator/Instructor (Pilot)	26.55
Graphic Artist	18.92
instructor	19.76
Laboratory Technician	12.23
Mathematical Technician	18.80
Paralegal/Legal Assistant I	12.32
Paralegal/Legal Assistant II	16.05
Paralegal/Legal Assistant III	19.63
Paralegal/Legal Assistant IV	23.76
Photooptics Technician	19.64
Technical Writer	20.46
Unexploded (UXO) Safety Escort	16.57
Unexploded (UXO) Sweep Personnel	16.57
Unexploded Ordnance (UXO) Technician I	16.57
Unexploded Ordnance (UXO) Technician II	20.05
Unexploded Ordnance (UXO) Technician III	24.02
Weather Observer, Combined Upper Air and Surface Programs (3)	13.83
Weather Observer, Senior (3)	15.91

Weather Observer. Upper Air (3)	13.83
Transportation1 Mobile Equipment Operation Occupations	
Bus Driver	11.40
Parking and Lot Atlendant	8.00
Shuffle Bus Driver	10.09
Taxi Driver	9.49
Truckdriver. Heavy Truck	13.69
Truckdriver, Light Truck	10.09
Truckdriver. Medium Truck	11.40
Truckdriver. Tractor-Trailer	13.69

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor. 3 weeks after 10 years, and 4 after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 1

THE [illegible] WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as [illegible]):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4, 156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay, plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duly, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duly is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard [illegible] ding working with or in close [illegible]ro[illegible]ity to explosives and incendiary [illegible]te[illegible]l[illegible] involved in res[illegible]a[illegible]t, testing, manufacturing, inspection, renovation, maintenance, and disposal. [illegible]s: Screening, blending, dying, mixing, and pressing of sensitive explosives pyrotechnic compositions [illegible]h as [illegible]ad azide, black powder and photoflash power. All dry-house activities involving propellants [illegible]s. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive [illegible]s [illegible] incendiary materials. All operations involving regarding and cleaning of artillery [illegible]s

A 4 Percent differentialis applicable to employees employed in a position that represents a low degree of hazard. Including working with or in close proximity to explosives and incendiary materials which, involves potential injury such as laceration of hands. face. or arms of the employee engaged in the operation and,

possibly adjacent employees, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used.

All operations involving, unloading, storage, and hauling of explosive and incendiary ordnance material other than small arms ammunition. (Distribution of raw nitroglycerine is covered under high degree hazard.)

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in me performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms Without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.35 per week (or 8.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor. by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance msts.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition. January 1993, as amended by the Third Supplement dated March 1997, unless otherwise indicated. This publication may be obtalned from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents. U.S. Government Printing Office. Washington. D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracbng officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444))

Conformance Process:

The contracbng officer shall require that any is f service nployee which is not listed herein and which is to be employed under the contract (i.e., the to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate. and/or finge benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of th authorized representative of the employees involved; or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work

31 The contracting officer reviews the proposed action and promptly submits a report of the action, together

ATTACHMENT 2
PAGE NO. 9 OF 10

with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4)

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

information required by the Regulations must be submitted on SF 1444 or bond paper

When preparing a conformance request the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is Included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

ATTACHMENT 2
PAGE NO. 10 OF 10

ATTACHMENT 3

*ADJUDICATIVE STANDARDS: ISSUES

Major issues or conduct which standing alone would be disqualifying under suitability, for any position is a conviction record within the past 9 years, particularly for issues 1, 2, 4, 5, 6, or 8. In addition, a pattern is defined as two or more convictions or a combination of two or more issues of any or all of the items listed below.

1. Issues related to use or possession of intoxicants:
   Pattern of excessive use as reflected in (1) conviction record; (2) job performance; (3) employment history; (4) inability to function responsibly; (5) medical treatment; and (6) health.

2. Issues related to illegal use/possession of controlled substances or marijuana:
   Pattern of excessive use as reflected in (1) conviction record; (2) job performance; (3) employment history; (4) inability to function responsibly; (5) medical treatment; (6) health; (7) manufacturing; (8) addiction; (9) importing/trafficking; and (10) cultivating for sale.

3. Issues related to financial responsibility:
   Pattern of irresponsibility as reflected in (1) credit history; (2) disregard for debts; (3) abuse of fiduciary trust; and (4) continuing, major, valid liabilities.

4. Issues related to immoral conduct:
   Pattern of misconduct as reflected in (1) conviction record; (2) medical treatment; (3) public knowledge; (4) child molestation; (5) sexual assault statutory rape; (6) incest; and (7) bestiality.

5. Issues related to honesty:
   Pattern of dishonesty as reflected in (1) disregard for truth; (2) conviction records; (3) abuse of trust; (4) employment records; (5) blackmail; (6) counterfeiting; (7) extortion; (8) armed robbery; and (9) intentional false statement or deception or fraud in examination or appointment.

6. Issues related to disruptive or violent behavior:
   Pattern of violence as reflected in (1) conviction record; (2) disregard for life or property; (3) civil actions; (4) employment record; (5) medical record; (6) aggravated assault; (7) assault with a deadly weapon; (8) assault with intent to commit rape; (9) kidnapping/abduction; (10) murder; (11) rape; (12) arson; (13) threat or assault upon a public official; (14) voluntary manslaughter; and (15) child abuse.

7. Issues related to termination or forced resignation:
   Pattern of unemployability based on misconduct or delinquency as reflected in employment history.

8. Issues related to firearms/weapons:
   Improper/illegal sale or transportation of firearm or explosive; manufacture of firearms or explosives.

9. Miscellaneous issues:
   Hatch Act violation; (2) mutilation/destruction of public records; (3) engaging in riots or civil disorders; (4) striking against Government; and (5) desertion.

ATTACHMENT 4
SCREENING STANDARDS-CONTRACTOR

1. Record of conviction for illegal use or possession of intoxicants;

2. Record of conviction for illegal use, possession, or sale of controlled substances or marijuana;

3. Record of conviction of criminal behavior relating to immoral conduct, such as child molestation, rape, sexual assault, incest, bestiality, indecent exposure, lewd acts, etc.;

4. Record of conviction of criminal behavior relating to dishonesty, such as theft, larceny, burglary, robbery, forgery, extortion, counterfeiting, blackmail, fraud, conversion, sale, or possession of stolen property, embezzlement, etc.;

5. Record of conviction for criminally disruptive or violent behavior, such as assault, battery, kidnapping, abduction, murder, rape, arson, vandalism, voluntary manslaughter, child abuse, etc.;

6. Record of conviction for illegal use, possession, manufacture, or sale of firearms or explosives.

7. Violation of Hatch Act restrictions (5 U.S.C. Chapter 73), mutilation/destruction of public records, striking against the Government, desertion from the military, disregard for debts, engaging in riots or civil disorders, or a pattern of unemployability based upon misconduct or delinquency as reflected in employment history.